

# The CHEMIST AND DRUGGIST

for RETAILER - WHOLESALE - MANUFACTURER

Established 1859

28 Essex Street, Strand, London, W.C.2

Registered as a Newspaper

3375  
L. CXLII

OCTOBER 14, 1944

Annual Subscription (with  
Diary) 25/-. Single copies 9d.

## Vital Supply Line

In wartime it is natural that we should sometimes apply military terms to everyday matters.

"Vital supply line" is no exaggerated description of the part played by the retail pharmacist in supplying the Home Front with the weapons for fighting disease.

Physicians, the Public and Manufacturers are dependent upon this link in the chain of distribution and we on our part wish to pay tribute to the pharmaceutical trade for its active help in assisting us to place essential drugs in the hands of those whose need is often a matter of extreme urgency.

TELEPHONE : ILFord 3060  
EXTENSIONS : 61 and 83



TELEGRAMS :  
Bismuth Phone London

### MAY & BAKER LTD.

DISTRIBUTORS OF M & B MEDICAL PRODUCTS  
PHARMACEUTICAL SPECIALITIES (MAY & BAKER) LTD., DAGENHAM

# CRESANTOL-15

*The Germicide  
for Modern  
Antiseptic Fluids*

**AVAILABILITY**

Ample Supplies for Chlorinated Xylenol Antiseptic Fluids.

**ACTIVITY**

Phenol Coefficient exceeds that of P.C.M.X. (Chloroxylenol B.P.)

**ECONOMY**

Cresantol-15 is substantially cheaper than P.C.M.X.

**FORMULATION**

Cresantol-15 is a liquid, and can readily be dissolved in soap solution, either alone or blended with an alcoholic solution of essential oils.

# Monsanto

## CHEMICALS LIMITED

RUABON • WREXHAM • DENBIGHSHIRE

# VITAMIN D

## AND ITS ADDITION TO INFANT MILK FOOD

Just twenty years ago, the first of the standardised and concentrated vitamin products, 'Ostelin' vitamin D, was introduced in convenient form for exact use in mixtures and in drop doses. This was a notable achievement in the prevention and treatment of rickets.

In 1928, this concentrate of vitamin D was added to the infant food, Ostermilk. And now, in 1944, the amount of vitamin D in Ostermilk has been increased to 700 international units in each reconstituted pint—a further contribution to the prevention of rickets.

The earliest contribution to child welfare goes back to 1908 when the first dried-milk for infant feeding was introduced, a food which played an important part in the reduction of epidemic gastro-enteritis.

All this important pioneering work in nutrition at the Glaxo Laboratories, inspired by the belief that nutritional disease is preventable, has had its effect on present-day standards and on present-day concepts of infant feeding. Research continues, backed by large technical resources, in the still unexplored fields of nutrition and disease.



**GLAXO LABORATORIES LTD., GREENFORD, MIDDLESEX**

BYRon 3434





## “LORICIDE”

*brand of*

LAURYL THIOCYANATE SOLUTION IN OIL

- “Loricide” is an effective, agreeably perfumed preparation for use in the treatment of Pediculosis Capitis.

Further information will be forwarded on request

“Loricide” is packed in 2 oz. and 16 oz. bottles.

Obtainable from your usual suppliers.



*A Product of*

IMPERIAL CHEMICAL [PHARMACEUTICALS] LTD.

Commercial Department: 89 OXFORD STREET, MANCHESTER, 1

Ph.1



MEDICAL **EVANS** SUPPLIES**ORAL TREATMENT OF ANÆMIA**

with

**HEPAMINO**

(Proteolysed Liver)

Clinical trials have demonstrated the value of Hepamino in the oral treatment of pernicious and other megalocytic anæmias even when these have proved refractory to the established forms of liver therapy.

Developed and introduced by The Evans Biological Institute, Hepamino contains the enzyme digested constituents of whole fresh ox liver in a dried, soluble and readily assimilable form.

Issued in 5 oz. (approx.) bottles at

Retail .... 15/-                      Wholesale .... 11/3

*Every effort is being made to allocate the increasing supplies where they are most needed.*

**EVANS SONS LESCHER AND WEBB LTD**FINE CHEMICALS **EV** BIOLOGICALS **EV** PHARMACEUTICALS

# "OXOID"

The word "OXOID" is the trade mark of OXO Ltd., and is used in connection with their therapeutical preparations both in tablet and fluid extract form.  
ORGANO-THERAPEUTICAL PRODUCTS

## OXO LABORATORY PREPARATIONS

For PERNICIOUS ANÆMIA

### OXO LTD'S LIVER EXTRACT FOR INJECTION (I.M.)

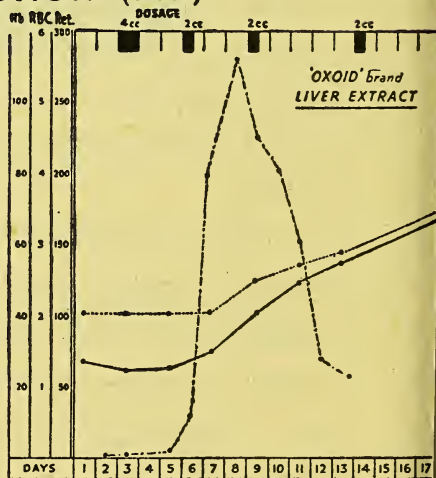
A highly potent preparation for the treatment of pernicious anæmia. Dosage in emergency cases is 4 c.c. initial dose, followed by 2 c.c. at three days intervals in the first week and 2 c.c. at weekly intervals subsequently. This will usually raise the blood count to normal in a few weeks.

Maintenance dose: 2 c.c. monthly.

Supplied in ampoules of 2 c.c. and  
Bottles of 10 c.c. and 20 c.c.

Ampoules: 6 (6/6); 12 (12/6); 50 (48/-);  
100 (92/-).

Bottles: 10 c.c. (4/9); 20 c.c. (8/6).



#### KEY TO GRAPH.

- Haemoglobin per cent.
- Red blood corpuscles in millions.
- ..... Reticulocytes per 100 red cells.

Literature supplied on application.

**OXO LIMITED, Thames House, London, E.C.4**

★ OXO LABORATORY PREPARATIONS ★

**The BEAT..BEAT..  
BEAT...**



**OF CONSTANT  
ADVERTISING..**

*creates a  
steady demand*

for

**Cephos**  
Pronounced See-foss  
THE PHYSICIANS' REMEDY

8 Powders or 16 Tablets 1/3     Single  
21     "     42     "     3/-     ||     Dose 2d.

(Including Purchase Tax)

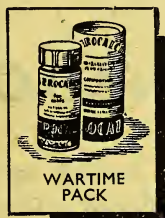
Cephos Ltd., Blackburn **P.A.T.A.**

## INDEX TO ADVERTISERS

The fact that goods made of raw materials in short supply owing to war conditions are advertised in this paper should not be taken as an indication that they are necessarily available for export.

Allen, Stafford, & Sons, Ltd.	19
Anglo-French Drug Co., Ltd.	16
Aspro, Ltd.	18
Barnett & Foster, Ltd.	26
Blackwell, Hayes & Co., Ltd.	ii
Blyton, Astley & Co., Ltd.	16
Brady & Martin, Ltd.	viii
Briceas, Ltd.	Leader Page
British Cod Liver Oil Producers (Hull), Ltd.	v
British Drug Houses, Ltd., The	i
British Dyewood Co., Ltd.	iv
British Felsol Co., Ltd.	Cover iv
Burge, Warren & Ridgley, Ltd.	24
Burrough, James, Ltd.	Leader Page
Burroughs Wellcome & Co.	27
Calthorpe, M., & Co., Ltd.	xii
Carillon Press, Ltd.	vii
Carter, H. W., & Co., Ltd.	17
Cartwright, W. B., Ltd.	6
Carvansons, Ltd.	x
Castle Huskisson, Ltd.	vi
Cephos, Ltd.	5
Chemi-Synthetics, Ltd.	14
Cooper Laboratory, Ltd.	12
Coty (England), Ltd.	10
Cox, Arthur H., & Co., Ltd.	8
Cyclo Chemicals, Ltd.	x
D.D.D. Co., Ltd.	26
Dae Health Laboratories, Ltd.	15
Daniel, Richard, & Son, Ltd.	13
Delf, W. M., & Co.	xii

(continued overleaf)



## SEROCALCIN

PLEASE ORDER EARLY

Chemists are invited to replace their stocks of this sought-after product now while reasonably prompt deliveries can be made. The demand this coming Autumn is sure to be very heavy.

### SEROCALCIN PREVENTS COLDS

Serocalcin is available in two sizes only :

20 tablets 3/4d. ; 60 tablets 8/5½d. including purchase tax.

HARWOODS LABORATORIES LTD., WATFORD, HERTS.

WATFORD 4457



**INDEX—(contd.)**

Demuth, R., Ltd.....	24	Lofthouse & Saltmer, Ltd.....	xi
Dengerm, Ltd.....	16	Lyons & Lyons.....	x
Dobson & Steiner.....	xii	Manesty Machines, Ltd.....	23
Draper, E., & Co.....	xii	Marshalls.....	xi
Elmbalm Pharmaceutical Specialities Co.....	16	Matthews Laboratories, Ltd.....	Leader Page
Emergency Products, Ltd.....	xi	Matthews, S., & Co., Ltd.....	18
Evans, Adlard & Co., Ltd.....	ix	Mehtha Bros.....	x
Evans, Gadd & Co., Ltd.....	ii	Midgley & Parkinson, Ltd.....	Leader Page
Evans Sons Lescher & Webb, Ltd.....	3	Monsanto Chemicals, Ltd.....	Cover 1
Fennings, A.....	Leader Page	Musterole Fine Products Co., Ltd.....	1
Ferris & Co., Ltd.....	13	National Glass Works (York), Ltd.....	vii
Fink, F., & Co.....	xii	Oxo, Ltd.....	4
Franco-British Electrical Co., Ltd.....	viii	Perken, Son & Co., Ltd.....	ix
Freudentheil, Smith & Co.....	Leader Page	Pharmaceutical Specialities (May & Baker), Ltd.....	Front Cover
Fryer & Co. (Nelson), Ltd.....	24	Pierson Morrell & Co., Ltd.....	v
Fulford, G. T., Co., Ltd. (of Canada).....	13	Portland Plastics, Ltd.....	viii
Gale, Baiss & Co., Ltd.....	vi	Potter & Clarke, Ltd.....	25
Gardner, W., & Sons (Glos.), Ltd.....	ix	Prideaux's Casein Co., Ltd.....	Leader Page
Geigy Pharmaceutical Co., Ltd.....	iv	Pure Products, Ltd.....	28
George, Ernest J., & Co.....	Col. Supp.	Rendell, W. J., Ltd.....	7
Glaxo Laboratories, Ltd.....	1	Richter, Gedeon, (Great Britain), Ltd.....	16
Goldstone Chemical Works.....	Leader Page	Roberts' Patent Filling Machine Co., Ltd.....	ix
Graesser, R., Ltd.....	vi	Roche Products, Ltd.....	11
Graesser Salicylates, Ltd.....	v	Ronaldson, J., & Co., Ltd.....	viii
Griffiths Hughes, E., Ltd.....	14	Rose, J. L., Ltd.....	ix
Hall, Forster & Co., Ltd.....	viii	Scholl Manufacturing Co., Ltd.....	xii
Harris, Hart & Co., Ltd.....	ii	Scott, A. & R., Ltd.....	xv
Harwoods Laboratories, Ltd.....	5	Scott & Bowne, Ltd.....	Col. Supp.
Heward, R. H., Co.....	viii	Scurr, C. A.....	Leader Page
Hobson, Trimble & Co., Ltd.....	viii	Sessions, W., Ltd.....	1
Imperial Chemical (Pharmaceuticals), Ltd.....	2	Singha, The Dr., Co., Ltd.....	2
International Chemical Co., Ltd.....	iii, Cover iii	Splendor, Ltd.....	2
International Laboratories, Ltd.....	8	Surgical Hosiery Co., Ltd.....	1
Jeffreys, Miller & Co., Ltd.....	13	Taylor, C. J., Embex, Ltd.....	2
Johnson Agencies (Proprietaries), Ltd.....	14	Town Talk Polish Co.....	2
Kemball, Bishop & Co., Ltd.....	20	Tyne Truck & Trolley Co., Ltd.....	2
Kerfoot, T., & Co., Ltd.....	28	Van Vleck, Dr., Co., Ltd.....	Leader Page
Knox, John, (Midland), Ltd.....	24	Westminster Laboratories, Ltd.....	2
Lax & Shaw, Ltd.....	21	Wilcox, Jozeau, & Co., Ltd.....	2
Lennard Lee-Narvill & Co., Ltd.....	vii	Wilson & Mansfield, Ltd.....	Cover i
		Zeal, G. H., Ltd.....	

# Plan ahead!



Bottled lines which you require for Winter should be ordered **NOW!** The coal situation and transport difficulties will become more acute; in consequence bottles will be in short supply.

On the **PATA** protected list

## Lobelline

For every kind of Cough

Distributors: W. B. CARTWRIGHT, LTD. RAWDON, LEEDS

*ASK YOUR  
CHEMIST...*



IN our press advertisements we advise women to ask their chemist for a copy of "Hygiene for Women," by Nurse Drew.

50,000 direct applications prove women are vitally interested in feminine hygiene.

If you have not a good supply of these popular booklets for counter display then you are not getting your share of the ever-growing demand for the various Rendells Products.

Why not write us today for a supply of our latest Chemist Display Aid?

*Rendells*  
**PRODUCTS**

**P.A.T.A.**

**FOR FEMININE HYGIENE**

WJ RENDELL LTD · HARDWICK HOUSE · 161-5 ROSEBERY AVENUE · LONDON, E.C-1





- . . . the symbol of *PERFECTION* in *PILLS* and *Tablets*
- . . . the monogram which is supported by an organisation—established over a century—with modern equipment and staffed by *SPECIALISTS*.
- . . . the Trade Mark of—

## ARTHUR H. COX & Co. LTD. BRIGHTON

ONE OF BRITAIN'S LEADING MANUFACTURING CHEMISTS

### WHY THE DEMAND FOR RHEUMAGIC

*is RISING!*

The War effort is making additional demands on the Nation's strength. Those prone to Rheumatism, Lumbago, etc., require a reliable liniment to relieve suffering and enable them to carry on their work.

Rheumagic makes no claim to cure Rheumatism. Its purpose is to relieve pain. It does so speedily and in this way makes a contribution to the National effort. Rheumagic is backed by a guarantee of money back if no relief.



# Rheumagic

Brand **P.A.T.A.**  
FORMULA OILS

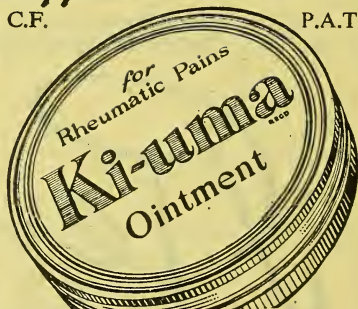
Retail Prices: 1/5 & 3/4½ (including tax)

INTERNATIONAL LABORATORIES, Charlbury, Oxford

*Supplies now available*

C.F.

P.A.T.A.



*Nationally Advertised*

This well-known preparation is again in production and orders can be filled promptly.

3/4½d Tins. Per doz.: Trade 27/- P.T. 4/6  
22/6d 1 lb. " " " 180/- P.T. 30/-

from your C.F. Wholesaler.

WESTMINSTER LABORATORIES LTD., Penn, Bucks.



# THE BOOK BEHIND THE PRODUCT



**P.A.T.A.**

## “THE CRISIS IN A WOMAN'S LIFE”

now in its eighth edition, is a book which has immense reader interest for all women of 40-50, for it throws new light on a subject upon which the lay mind has little or no knowledge—the symptoms of the Menopause.

It is probably the most informative book published on this subject, and it promotes sales of Menopax.

**RETAILERS** who are co-operative are fully alive to its value.

## THE ENTERPRISING CHEMIST

should always have a few copies so displayed that those of his customers who are interested can take one.

**A LADY** who commences a course of Menopax—very often as a result of her doctor's advice—will in all probability continue to take this preparation over several years.

**PROFIT** Every time you sell a large size Menopax, bought on the best terms, your profit is 3/5.

**BOOKLETS** supplied to Menopax stockists only—with or without orders. Send your requirements to:

sole distributors: **SCOTT & BOWNE Ltd., Wexham Springs, Stoke Poges, Bucks.**

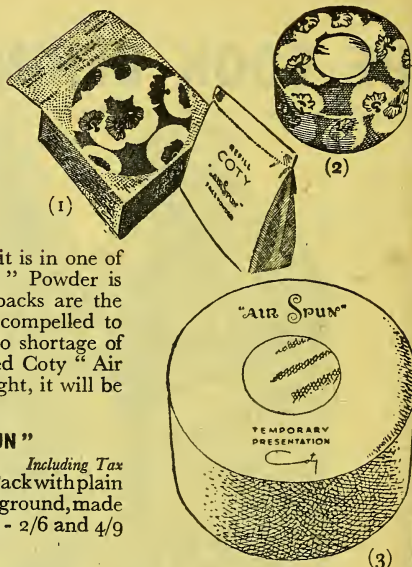
# MENOPAX

*for Women of Middle-age*

# COTY

## IMPORTANT ANNOUNCEMENT

DO NOT accept Coty "Air Spun" unless it is in one of the packs illustrated here. "Air Spun" Powder is sold in no other way. The three different packs are the result of wartime economies we have been compelled to introduce during the last two years owing to shortage of material and labour. If you should be offered Coty "Air Spun" in any other form, even loose by weight, it will be an imitation.



### RETAIL PRICES OF COTY "AIR SPUN"

- |                                   | <i>Including Tax</i> |   | <i>Including Tax</i> |
|-----------------------------------|----------------------|---|----------------------|
| (1) Refill of "Air Spun"          | 2/3                  | (3) New War Pack with plain cream background, made in two sizes - 2/6 and 4/9 |                      |
| (2) War Pack "Powder-Puff" design | - - 2/6              |   |                      |

Protected by the P.A.T.A.

COTY (ENGLAND) LTD., 41, HIGH STREET, LEIGHTON BUZZARD.

TELEPHONE: LEIGHTON BUZZARD 2383

# M.O.

Registered Trade Mark

## MAGNESIA OIL

ADVERTISING OF THIS PRODUCT IS NOT  
APPEARING IN LOCAL WEEKLY PAPERS  
IN THE FOLLOWING AREAS:—

Arundel . Bedford . Birkenhead . Birmingham . Blackpool . Bodmin . Bolton . Bournemouth . Bristol . Buxton . Carnarvon . Carmarthen . Cheltenham . Chester . Colchester . Darlington . Dundee . Durham . Exeter . Kendal . Lancaster . Leicester . Newbury . Northampton . Nuneaton . Peterborough . St. Helens . Salisbury . Stockton . Stoke . Swindon . Taunton . Wakefield . Walsall . Whitehaven . Winchester . Worcester . York

### IS YOUR TOWN HERE?

Ample stocks at your usual wholesaler or direct from our distributors

high . Doncaster . Dorchester . Glasgow . Huddersfield . London . Luton . Maidstone . Norwich . Nottingham . Poole . Rochdale . Shrewsbury . Stamford . Walsall . Weymouth

## MUSTEROLE FINE PRODUCTS CO. LTD.

Brook House, Park Lane. W.1

Sole Distributors: THOS. CHRISTY & CO. LTD., Farnham, Surrey



# 1934 'REDOXON' 1944

*l*-ascorbic acid



What was described as a "scientific curiosity" in 1934 has in the short space of ten years become firmly established in medical, surgical and dental practice.

**1933** Synthesis of ascorbic acid by Haworth, Hirst and co-workers in Birmingham, and Reichstein, Grüssner and Oppenauer in Zürich.

**1934** Manufacture of ascorbic acid commenced by Roche. Introduction of 'Redoxon' ascorbic acid tablets and ampoules.

**1935** Diagnosis of vitamin C "sub-nutrition" by urine analysis (Harris & Ray).

**1935** Doyne Bell cures an infant suffering from scurvy with synthetic vitamin C ('Redoxon').

**1935-6** Oxford University Arctic Expedition winters in North-East Land, relying on 'Redoxon' tablets for its vitamin C supply.

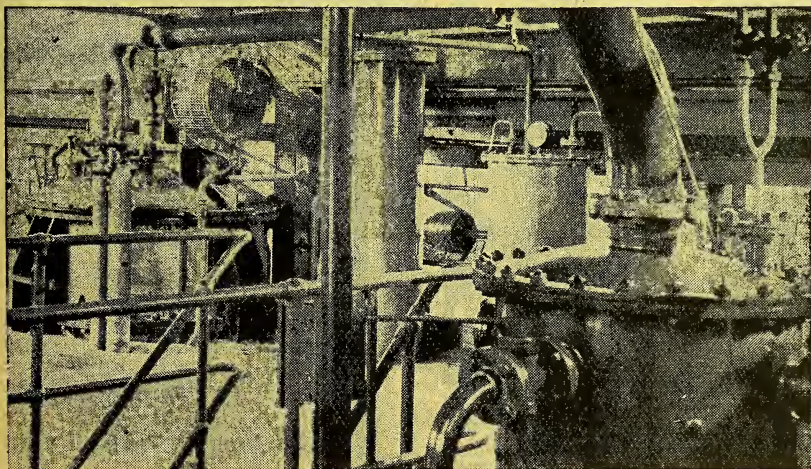
**1935-7** Publication of hundreds of papers confirming the widespread existence of vitamin C deficiency, and suggesting the clinical use of 'Redoxon' in a variety of conditions.

**1938** Erection of a plant for the manufacture of *l*-ascorbic acid by Roche Products Ltd.

**1939** Publication of the thousandth paper on, or reference to, 'Redoxon' in medical or scientific literature.

**1940** Completion of a factory for the synthesis of *l*-ascorbic acid on an industrial scale by Roche Products Ltd.

**1944** Millions of doses of ascorbic acid manufactured by Roche Products Ltd., and issued as 'Redoxon' tablets and ampoules.



*Section of plant specially designed for production of ascorbic acid.*

**ROCHE PRODUCTS LTD., WELWYN GARDEN CITY, HERTS.**





ESTABLISHED  
1904

**Specialists.**  
in the manufacture  
of  
**Tablets**  
and  
**Pills**

40 years of Specialised  
Manufacturing Experience  
assure you of

## QUALITY and ACCURACY

**PACKED TABLETS**, with Chemist's Own Name Labels if desired, supplied in 2 sizes 25's and 100's (with a few exceptions packed in 50's only).

**BULK TABLETS**, including NF and NWF lines supplied in convenient quantities from 100 upwards.

**STANDARD SACCHARIN TABLETS**, packets of 10 or in bulk.

The  
**Cooper Laboratory**  
*Watford*

Telephone :  
3612

Telegrams :  
"Science"

## BIG sales line



The formula for EMBEX is, as you know, an excellent one for colds and flu. Be sure of a good supply of this popular line by placing an order NOW. This will enable us to despatch your requirements in good time for autumn sales.



**COUNTER DISPLAY-**  
and **CASH IN TODAY!**

C. J. TAYLOR'S EMBEX LTD. CARLISLE

## A CHEMIST SAYS . . .

There is no  
remedy to  
equal it!



and am delighted to recommend Dr. Singha Tablets to my Asthma-suffering customers.

### PRICES:

1/6, 5/-, 12/-, 20/-  
(exclusive of purchase tax)

THE DR. SINGHA CO., LTD.  
CAERNARVON, NORTH WALES

**D<sup>R</sup> SINGHA**  
**ASTHMA TABLETS**



MANUFACTURERS OF  
**TABLETS**  
 AND  
**PILLS**  
 For the  
 Pharmaceutical  
 Trade

*Richard Daniel & Son*  
 Derby

'Phone: Derby 4266-7-8. 'Grams: Dania Derby

Established 1860

**MILLAMALT** *The* VITAMIN  
 MALT FOOD

With Guaranteed Complement of Vitamins A, B, C & D  
*Sole Manufacturers.*  
 JEFFREYS MILLER & Co. Ltd. Leyland Mills, WIGAN, London Dept. 19 Brookside Road, N. 19

**NEPENTHE.**

THE SAFEST AND BEST  
 PREPARATION OF OPIUM

The word "Nepenthe" is registered under the Trade Marks Act, and is our exclusive property. No Substitute may be dispensed when "Nepenthe" is ordered in a prescription. "Nepenthe" comes within the regulations of the Dangerous Drugs Act, 1920

**FERRIS & COMPANY, LIMITED, BRISTOL**

TWO LINES IN STEADILY GROWING DEMAND

**BABLETS**

(Baby's Own Tablets)

For Teething Troubles and other Simple Ailments of  
 Infants and Children

Laxative · Comforting · Digestive

**PATA**

**PINKETTES**

"The Liver Pill You Need"

For Sluggish Liver, Constipation, Biliousness, Dizziness  
 Sick Headaches, Offensive Breath, Coated Tongue  
 The Laxative you can confidently recommend

**PATA**

Regularly Advertised · Do not lose sales · Get in a stock at once · You run no risk, as sale is  
 guaranteed · Your Wholesaler can supply

G. T. FULFORD CO. LTD. (of Canada), 8 Royston Park Road, Hatch End, Middlesex



LPEI41A



## Offer *real* relief to sufferers from Catarrh

The KARSODRINE pocket inhaler (containing Amphetamine) affords instant and prolonged relief in cases of Nasal Catarrh, Head Colds, Sinusitis, and all forms of nasal congestion.

Can be carried in the pocket or handbag and, by removal of only one cap, is immediately ready for use.

The powerful vasoconstrictor in the inhaler instantly penetrates and decongests inflamed mucosa in the nasal cavity, freeing blocked air passages. KARSODRINE vapours are pleasant and soothing and their effect is prolonged.

Invaluable as a constant companion during epidemics.

### \* KARSODRINE \*

#### *The vasoconstrictor inhaler with one cap*

Retails at 1/6 (inc. tax). Shows up to 5/2½ per doz. profit even on small quantities, when ordered with other 'Griffiths Hughes' lines. Send order to —

Each Karsodrine Inhaler contains: Amphetamine 0.330 grm.; Cineole 0.093 grm.; Ol. Citronell 0.026 grm.; Methyl Salicyl. 0.023 grm.; Ol. Cedri 0.005 grm.; Menthol 0.049 grm.; Ol. Eucalypt. 0.089 grm.

E. GRIFFITHS HUGHES LTD., 7, ADELPHI, SALFORD 3, MANCHESTER

**PATA**

IRON VALERIANATE

ZINC VALERIANATE

3:5-DINITRO-BENZOYL  
CHLORIDE

METHYL IODIDE

ETHYL BROMIDE

Organic-Synthetic Products  
and  
Intermediates

Enquiries invited by the manufacturers

**CHEMI-SYNTHETICS LTD.**

CUBITT TOWN WHARF  
SAUNDERSNESS ROAD  
LONDON, E.14

Phone: EAST 3858



A perfectly balanced product, dissolves and effervesces in a flash, producing a CLEAR and SPARKLING SOLUTION.

2/3d. incl. tax.

RECOMMENDED IN ALL CASES OF HEADACHE. FATIGUE. ALL DIGESTIVE TROUBLES, and MORNING SICKNESS IN PREGNANCY.

Order from your usual Wholesaler or direct from Distributing Agents—

**JOHNSON AGENCIES (PTY) LTD**  
Clarendon Works, Clarendon Rd., Croydon



# ***The eye lotion you can recommend —and supply!***

**VALOPTO** is the newest up-to-date Eye Lotion made under strict Laboratory control, filtered bacteria-free, every batch is certified sterile by independent bacteriologist. Isotonic with the lacrimal fluid. pH 7.4.

Doctors write: "A sound and ethical therapeutic preparation . . ." "Entirely satisfactory for the purpose of a general Eye Lotion for the relief and prevention of mild infectious conditions of Conjunctiva and to act as a mild astringent lotion, thus relieving the effects of circulatory disturbances leading to mild degrees of Conjunctival oedema."

—M.B., M.R.C.S., L.R.C.P.

## **NATIONAL ADVERTISING**

in all London and provincial  
newspapers and magazines

Retail price **2/-** including tax

Adequate Supplies Available

**DAE HEALTH LABORATORIES LTD.**

(Dept. VO2.) • 25-27, BERNERS STREET • LONDON • W.1



### **Terms:**

15/- per doz. less 5% for cash with  
order. Purchase tax (16 2/3%) is  
2/6 per doz. Minimum Order car-  
riage paid is 2 dozen. Send cheque  
£1 13s. 6d. for 2 dozen order.

Do not touch  
with fingers  
or any object  
that has been  
used for each eye.  
Use an eye cup with  
sterilized solution.  
Apply over eye - tilt head back - blink  
readily. Use fresh lotion for other eye.

**TO PHARMACISTS....**

We have pleasure to announce the following recent additions to our medical products advertised to the MEDICAL PROFESSION.

**"MERPHYLLIN"**

Brand of MERSALYL

Boxes of 6 & 12 1 c.c. & 2 c.c.

**"EXOCAIN"**

SURFACE ANÆSTHETIC

Solution 25 c.c.; Suppositories  
Ointment 1 oz. and 2 oz.

**GEDEON RICHTER**

(Gt. Britain) LTD

LONDON

GUL 3478

Trade Mark

**SAE-SAL**

BRAND

**NERVE TABLETS**

1/8 & 5/- Inc Tax

**DENGERM LTD**


90, BOROUGH HIGH ST LONDON, S.E.1.

**BLYTON ASTLEY & CO., LTD.**

Eagle Laboratories

**LOWER BROUGHTON, MANCHESTER**

thank their customers for their patience and forbearance during these difficult times, and assure them that every effort is being made to supply quickly lines which they have previously purchased.

**ELMBALM** Brand 

**SPECIALITIES**

- In steady demand
- Stocks available
- Dont miss Sales

For Special Terms write: Elmbalm Pharmaceutical Specialities Co., Knott-End-on-Sea, Lancs.

**GABAIL PRODUCTS****ELIXIR GABAIL**

The ideal sedative in all nervous affections

	Retail, including Purchase Tax	Wholesale per dozen	Purchase Tax
Bottle of 187 c.c. . . .	5/-	39/-	6/6
„ 16 oz. . . .	9/6	72/-	12/-

**SYRUP PERTUSSIS (Gabail)**

An effective medicament for the paroxysms of Whooping Cough

	Retail, including Purchase Tax	Wholesale per dozen	Purchase Tax
Bottle of 4 oz. . . .	3/-	24/-	4/-
„ 16 oz. . . .	9/6	72/-	12/-

Manufactured by The Gabail Laboratories Ltd. (Gabail Ltd.), London, W.C.1

Ample supplies available through your usual wholesaler or from

**THE ANGLO-FRENCH DRUG CO., LTD.**  
11-12 Guilford Street, LONDON, W.C.1



# "Penny on the Bottle"

*One of the Ribena newspaper advertisements.*

## **WANTED URGENTLY**

### **Empty Ribena Bottles**

Many people in urgent need of supplementary vitamin C are being deprived of Ribena Blackcurrant Syrup because of the serious shortage of bottles.

Your child may be one of them. So if you have had Ribena before, play your part and always return an empty bottle at time of purchase.

Please also let your chemist have any other Ribena empties in your cupboard. (1d. per bottle will be allowed.)

**Ribena**  
**BLACKCURRANT SYRUP**

Not less than 20 mg. ascorbic acid per fl. oz.

H. W. Carter & Co. Ltd., Bristol, 2.

In order to support the splendid efforts of our chemist friends to keep up the flow of Ribena empty bottles we are using the public press.

We are bearing this expense as our share in the solution of the bottle question which is desperate.

★ The 1d. per bottle which chemists are authorised to pay out will, of course, also be borne by us when the bottles are returned to us through the usual channel.

### **Start a 'counter campaign.'**

Our little Counter Card is a great help in "bringing back the empties." You can have one for the asking. Write to H. W. Carter & Co., Ltd., The Old Refinery, Bristol, 2.

# CURICONES

## SPECIAL ANNOUNCEMENT regarding GELATINE CAPSULE

War demands are holding up supplies of the Gelatine Capsule containers and for the time being we are obliged to market Curicones in TABLET form. This does not affect their efficacy in any way whatsoever.

We hold a limited quantity of Curicones in Gelatine Capsules and these are being rationed in FIVE SHILLING Bottles. The 24/- size is temporarily withdrawn until Tablet supplies are ready. In the meantime, you should still recommend

# CURICONES

FOR ALL RHEUMATIC AILMENTS

ORDER THROUGH YOUR  
USUAL WHOLESALER

STEPHEN MATTHEWS & CO., LTD.  
19-21 Farringdon Street, London, E.C.4

*Fair Play  
& Fair Profit!*

**P.A.T.A.**

Will the end of war-time conditions of short supply see a recurrence of price-cutting to undermine the standards of people and traders? We join in the hope that such conditions will not materialise. What is perhaps more important to the chemist is that we are ready to tackle them if they do.

## YOU CAN RELY ON 'ASPRO'

'ASPRO' has not allowed its price maintenance organisation to rust or lose its efficiency. Throughout the war the same scrupulous control that made 'ASPRO' "red-hot" for the price-cutter and the cleanest line for the honest retailer, has been operating in the national interests. Now it is ready to go into action instantly at the first sign of a recurrence of price-cutting.

We are proud of the appreciation expressed by retailers and wholesalers alike of the service rendered them by this special branch within our organisation. Just as the public rely on 'ASPRO' for purity, safety and efficacy, so the chemist can rely on ASPRO Limited for fair play and fair profit which is protected with vigour and efficiency.

# 'ASPRO'

Made by ASPRO LIMITED, Slough, Bucks.

Telephone: Slough 22381

**ASPRO**  
REG. TRADE MARK





## SCIENCE WITH PRACTICE

*Established 1833**A Still Room at our Wharf Road Works*

## *Essential Oils* — With many of the

essential oils unobtainable or in drastically short supply, manufacturers' problems tend to become acute. We cannot pretend always to solve them, but we can offer you our vast accumulated experience, and the service of our experts in producing something to meet your special requirements. It has often been through such service that leading firms have learnt to rely on—

**StaffAllenS**

STAFFORD ALLEN &amp; SONS, LTD., WHARF ROAD, LONDON. N 1

TAS/AL. 121.  
C



**K**

ESTABLISHED 1870

**emball,**

TELEPHONE: ADVANCE 1234

TELEGRAMS: \*KEMBALL, LONDON

CODES: A.B.C. 6th. BENTLEY'S PRIVATE

**B**

**ishop**

**& CO. LTD**

MANUFACTURING CHEMISTS

CROWN CHEMICAL WORKS, THREE MILL LANE, BROMLEY-BY-BOW, LONDON, E.3.

**CITRIC ACID. TARTARIC ACID.**  
**CREAM OF TARTAR. ROCHELLE SALTS.**  
**CALCIUM GLUCONATE.**  
**LITHIUM CARBONATE,**  
**CHLORIDE AND HYDROXIDE.**

QUALITY GUARANTEED



# GLASS

CONTAINERS OF EVERY  
DESCRIPTION

Restricted output limits the number of moulds we are able to use, so that all the designs now illustrated are not necessarily available to buyers.

We still manufacture a large range of a variety of bottles, including Dispensing, Emulsion, Embrocation, Milk, Feeding, Perfume, Poison, Sauce, Sweet, Jam Jars, etc. At the moment we are compelled to confine our activities to the manufacture of Bottles and Jars for essential Medical and Food requirements, and are doing our best to ensure reasonably prompt deliveries on an equitable basis.

In thanking our friends for their indulgence we share their hopes for a speedy and victorious peace.



## LAX & SHAW LTD

REG. OFFICE. ALBERT GLASS WORKS,  
HUNSLET, LEEDS. 10.

PHONE 21568 (2 LINES)

GRAMS. FEEDERS. PHONE LEEDS.

LONDON OFFICE: ST. MARTIN'S HOUSE, 29 LUDGATE HILL, E.C.4. Telephone CITY 717 D.



SEAMED & SEAMLESS

# SURGO ELASTIC HOSIERY

FOR SPECIAL  
GARMENTS TO  
MEASURE WE GIVE  
THE BEST POSSIBLE  
SERVICE

TRUSSES  
SURGICAL  
BELTS AND  
SUNDRIES

50 YEARS' SERVICE OF EVERYTHING SURGICAL

**SURGICAL HOSIERY CO., LTD.**

RUSSELL ST. NOTTINGHAM : PHONE: NOTTINGHAM 75983  
GRAMS: SURGICAL NOTTINGHAM

# MANESTY

## TABLET MAKING MACHINERY



**MANESTY  
F  
TABLET  
MACHINE**

OUTPUT  
90  
PER MIN.

FOR TABLETS UP TO  $\frac{3}{4}$ " DIAM.



**MANESTY  
Np1  
TABLET  
MACHINE**

OUTPUT  
90 PER MIN.

FOR TABLETS  
UP TO  $\frac{1}{2}$ " DIAM.



**MANESTY  
E  
TABLET  
MACHINE**

OUTPUT  
90-100  
PER MIN.

FOR TABLETS UP TO  $\frac{1}{2}$ " DIAM.



**MANESTY  
HAND  
COMPACT  
PRESS**

OUTPUT  
2000  
COMPACTS  
PER DAY

**MANESTY  
COPPER  
COATING  
PAN**

STANDARD  
SIZE  
30" DIAM.



**MANESTY  
B.B.3  
ROTARY  
TABLET  
MACHINE**

OUTPUT  
1000-1500  
PER MIN.

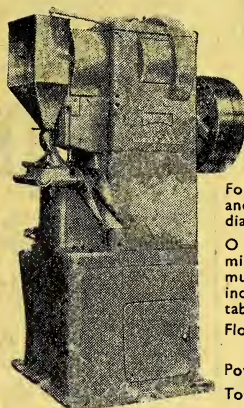
FOR TABLETS UP TO  $\frac{1}{2}$ " DIAM.



**MANESTY  
Np2  
TABLET  
MACHINE**

OUTPUT  
55-220  
PER MIN.

FOR TABLETS UP TO  $\frac{1}{2}$ " DIAM.



### MANESTY

## No. 2 TABLET MACHINE

For medium weight pellets and blocks up to  $1\frac{1}{2}$  inch diameter and  $\frac{3}{4}$  inch thick.

Output:—55 pellets per minute. For smaller tablets multiple punches can be used increasing output to 220 tablets per minute.

Floor space—  
3 ft. 3 in. x 2 ft. 9 in.

Power required— $2\frac{1}{2}$  h.p.

Totally enclosed.

Centralised lubrication.

Supplied with self-contained motor or for belt drive.

FULL PARTICULARS ON REQUEST.

**MANESTY  
B3  
ROTARY  
TABLET  
MACHINE**

OUTPUT  
400-500  
PER MIN.

FOR TABLETS UP TO  $\frac{1}{2}$ " DIAM.



**MANESTY  
D3  
ROTARY  
TABLET  
MACHINE**

OUTPUT  
300-350  
PER MIN.

FOR TABLETS UP TO 1" DIAM.



**MANESTY  
R.S.1  
ROTARY  
TABLET  
MACHINE**

OUTPUT  
168-336  
PER MIN.

FOR TABLETS UP TO  $\frac{3}{8}$ " DIAM.



**MANESTY  
OSCILLATING  
GRANULATOR**

OUTPUT  
150-224  
LBS.  
PER HOUR

**MANESTY  
MIXER**

CAPACITY  
100 LBS.  
OF POWDER



**MANESTY  
Np3  
TABLET  
MACHINE**

OUTPUT  
30-400  
PER MIN.

FOR TABLETS UP TO  $2\frac{1}{4}$ " DIAM.



## MANESTY MACHINES LIMITED

5 SPEKE HALL ROAD, LIVERPOOL, 19.

TELEPHONE: HUNTS CROSS 1321.

TELEGRAMS: MANESTY, LIVERPOOL



# WAR-TIME MARKET NEWS

summarising war-time opportunities, special notices, new packaging and new products

## TYNE TRUCK & TROLLEY CO. LTD.

*Hand Trucks  
of every  
Description*

66-68  
NORTHUMBERLAND ST.,  
NEWCASTLE  
UPON TYNE.



## RENOLDS

(Dr. Knox's Back and Kidney Pills)

NOW

AVAILABLE

IN

QUANTITY

9/- per doz.

plus Purchase Tax

Inclusive

Selling Price

1/3

### JOHN KNOX

Cannon Street  
HANLEY

Dean Street  
BIRMINGHAM

## CUSTOMERS FIRST

We endeavour to distribute our limited supplies equally among our customers and maintain the best service present conditions allow.

Druggists' Sundries; Toilet Requisites; Surgical and Rubber Appliances; Contraceptives.

## Burge, Warren & Ridgley, Ltd.

45, CITY ROAD, LONDON, E.C.1

Phone :  
CLE 1710.

Grams :  
"Drugsund, Finsquare, London."

## Victory V

FOR COLD JOURNEYS

**Famous in Name  
and  
Quality**

**FRYER & CO. (NELSON) LTD.**

**VICTORY V FACTORY  
NELSON, LANCs.**

# spic

*for underarm hygiene*

EFFECTIVELY RESTRICTS  
PERSPIRATION

You can sell "Spic" with confidence—it being made to specified B. of T. Formula

(From all Wholesalers)

2 ozs. 12/- per dozen, plus Tax

**R. DEMUTH LTD. LONDON.**

A REPUTATION FOR RELIABILITY

# "Sentinel"

SANI-TOWELS

Available in all popular sizes:

'SENTINEL' Nos. 1, 2, 3 and 'Maternity'

(all cotton-wool with loop ends)

also 'SENTINEL' Soluble

SPLENDOR LTD., 5 Beastmarket Hill, NOTTINGHAM  
and 7c, Lower Belgrave Street, LONDON, S.W.1

OX-EYE DAISY

*Chrysanthemum Leucanthemum*



Since

**POTTER, CLARKE** Ltd

1812

*Growers & Importers of Herbs, Roots & Barks.*

60-64 ARTILLERY LANE, LONDON E.1

and at 77 DANTZIC STREET, MANCHESTER 4

Telephone Bishopgate 4761 (6 Lines) or Manchester... Blackfriars 8734



# "RED CLUB BRAND"

FINE SOLUBLE ESSENCES

FLAVOURINGS

ESSENTIAL OILS

"NIAGARA" BRAND CULINARY FLAVOURS



NIAGARA WORKS, EAGLE WHARF ROAD, LONDON, N.1

Telephone : CLERKENWELL 5708

*Trouble in the Hair...*



... when children get their heads together

Infestation by head and body parasites, more prevalent since the war, is naturally a source of worry to parents and those in charge of children. For such cases you can confidently recommend DERBAC SOAP — the speedy, pleasant, scientific remedy. Clear instructions with each tablet show how to use in home, school or billet. Write for details and trade terms.

## Derbac Soap

THE PERFECT HAIR CLEANSER

Pure Products Ltd., Colwick, Nr. Nottingham

# D.D.D. BALM

*in free supply*

D.D.D. Balm, the new non-greasy and anti-septic ointment for skin troubles, is in free supply. It is supported by a wide advertising campaign, and is having a popular reception from the public, among whom are many old friends of the liquid D.D.D. Prescription. This non-greasy, antiseptic and healing balm encourages the elimination of any pus and hastens the natural process of healing. The preparation is one you can confidently recommend, it is an assurance of steady profitable business.

**TRADE TERMS:**  
16/- per dozen  
Pur. Tax 2/8 per doz.  
Inclusive Retail Price  
2/- per jar.



**SHOWCARDS—**  
are available to  
those who stock  
D.D.D. Balm.

## D.D.D. CO., LTD.

3 FLEET LANE, LONDON, E.C.4

# Announcing



## 'WELLCOME' BRAND PHENIODOL MEAL

### FOR GALL-BLADDER VISUALISATION

Pheniodol has several important advantages to commend it to the radiographer. Shadows are clear and well-defined and there is a minimum of gastro-intestinal or systemic disturbance. Supplies of the 'Wellcome' products are now available.

'WELLCOME' BRAND PHENIODOL MEAL mixes with water to form a palatable, easily-taken suspension. Tubes containing 4.5 gm. (equivalent

to 3 gm., the average adult dose of Pheniodol). Single tube, 3/9. Carton of 6 tubes, 22/6.

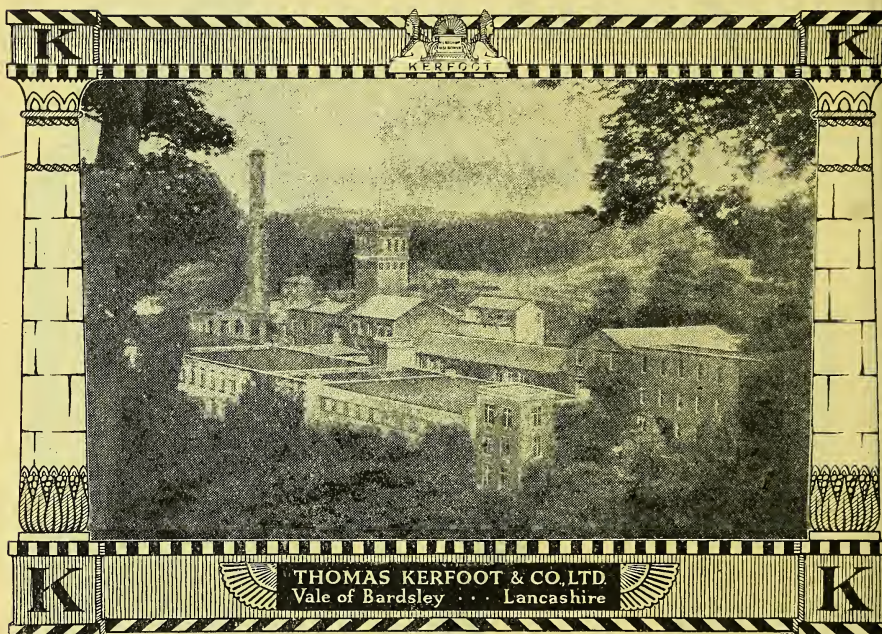
'WELLCOME' BRAND PHENIODOL  
for dispensing. Bottle of 25 gm., 25/0.

*Retail prices, subject*



**BURROUGHS WELLCOME & CO.**  
(The Wellcome Foundation Ltd.)  
LONDON





# WILCOX, JOZEAU & CO. LTD.

*wish to announce that—*

**PRICE LIST**—containing full details of all products available—is now ready, and a copy will be sent on receipt of 1d. stamp (in accordance with Paper Control Regulations).

**INOTYOL**—ointment is now issued in jars of 25 grams in place of tubes. Price remains unchanged.

**GENOSCOPOLAMINE**—in granule form is available in limited quantity, and special conditions regulate its distribution. Chemists who are interested are invited to write for particulars.

**74-77 WHITE LION STREET, LONDON, N.1**  
**19 TEMPLE BAR, DUBLIN**

# The CHEMIST AND DRUGGIST

For RETAILER — WHOLESALE — MANUFACTURER

Published Weekly at

28 ESSEX STREET, STRAND, LONDON, W.C.2

Telegrams: "Chemicus, Estrand, London"

Telephone: Central 6565 (10 lines)

Emergency Address: 17 ARGYLE STREET, BATH

Telephone: Bath 5492

## CONTENTS

	Page		Page
Business Changes .. ..	396	M.O.H. Bulletin to Pharmacists ..	408
"C. & D." Dispensing Price List ..	407	National Pharmaceutical Union ..	399
Chemists' Friends Association ..	407	News of the Week .. ..	391
Coming Events .. ..	397	Parliamentary News .. ..	393
Commercial Notes .. ..	412	Personalities .. ..	398
Company News .. ..	396	Pharmaceutical Society of Great	
Correspondence .. ..	416	Britain: Council Meeting ..	400
Deaths .. ..	398	Pharmaceutical Society of Northern	
Editorial Articles:—		Ireland: Annual Meeting ..	402
Dispensary Hazards .. ..	405	Soft Paraffin and Water .. ..	401
Control of Pharmaceuticals in India ..	405	The Saga of Strathpeffer—(V) ..	410
Speeding the Empties .. ..	406	Topical Reflections .. ..	395
Essential Oils Control .. ..	415	Trade Marks .. ..	396
Legal Reports .. ..	394	Trade Notes .. ..	397
Marriages .. ..	398	Trade Report .. ..	413

## NEWS OF THE WEEK

**Revised Purchase Tax Notice.**—Notice No. 78c (office machinery, stationery, office requisites, and other paper manufactures), issued by the Commissioners of Customs and Excise, has been revised. Copies of the new notice are being posted to traders registered for purchase tax; other persons interested may obtain copies from local officers of Customs and Excise or from the Secretaries' Office, Customs and Excise, City Gate House, Finsbury Square, London, E.C.2.

**Return of Empty Containers.**—The Ministry of War Transport Road Haulage Organisation has made arrangements for effecting the immediate return of empty packages of all descriptions which are urgently required. Unless the vehicle which delivered the goods is needed for more essential traffic, it will be used for returning such empties, provided that the person offering the full packages to the Unit Controller (for distances in excess of sixty miles) or the Area Road Haulage Officer (for short distances) satisfies him that the

empties must be given priority treatment. Where it is not possible to use the same vehicle, Road Haulage Organisation officers will do their best to find alternative vehicles for doing the work. The Road Haulage Organisation can also be asked to provide facilities for the return of empties which, when full, may have been forwarded by rail. The railways will make every endeavour to provide facilities for returned empties which, when full, were carried by them, and will also carry empties where the "fulls" were delivered by road vehicles. Empties carried otherwise than by rail on their full journey are accepted for return by rail as merchandise, and charged at merchandise rates, not at the returned empty rate.

**Distribution Study Institute.**—An Institute for the Scientific Study of Distribution was inaugurated in London at a meeting held on October 4. It is proposed that the Institute shall be open to individuals engaged or interested in any phase of marketing or distribution, and to delegates of firms, companies, societies or other bodies.



**U.S.-British Discussions on Small Business Problems.**—The chairman of the United States Smaller War Plants Corporation (Mr. Maury Maverick) is visiting England to discuss problems of small businesses with Government officials and small-business leaders.

**Western Pharmacists' Association.** The following officers have been elected by the Western (London) Pharmacists' Association and Branch of the Pharmaceutical Society for 1944-45: *Chairman*, Mr. Frank Noble; *Vice-chairman*, Mr. Clifford Evans; *Treasurer*, Mr. D. T. Jones; *General Secretary*, Mr. G. F. Butterworth; *Assistant Secretary*, Mr. D. R. Evans; *Social Secretary*, Mr. W. T. Pratt.

**Outcome of Leeds Deputation.**—Consequent upon a deputation by the Leeds Branch of the Pharmaceutical Society to the Health Committee of the Leeds City Council (see *C. & D.*, September 23, p. 321), the following letter has been received by the secretary of the Branch: "Referring to the deputation from the Leeds and District Branch of the Pharmaceutical Society of Great Britain which appeared before the Health Committee on September 20 and made suggestions for the formation of a pharmaceutical service for hospitals and institutions under the control of the Committee, as the deputation were informed by the chairman, the Committee are in sympathy with the points raised, and the question of the appointments of pharmacists at the City hospitals will be considered when the opportunity arises where the need of an institution justifies such appointment."

**Scottish Memorandum on Pharmaceutical Service.**—The Scottish Joint Committee on Health Service, which is composed of the executives of the North British Branch of the Pharmaceutical Society, Pharmaceutical Standing Committee (Scotland), and executive council of the Scottish Pharmaceutical Federation, with the secretaries of the five Scottish branches of the Society, and representatives of employee organisations, has issued a memorandum in which it reviews the present stage reached in the deliberations on a pharmaceutical service under the National Health Service. So far the committee has agreed on the following points: In respect of all prescriptions issued, whether in private, grouped, health-centre, out-patient hospital or clinic practice, there should be free choice of chemist; medicines prescribed at clinics should be in the form of prescriptions to

chemists; pharmacists to have adequate representation on central and local health service committees and other bodies which may be set up. The memorandum outlines the system of control by which a proposed Central Pharmaceutical Board should operate, but postpones consideration of remuneration, adding that remuneration for National Health Insurance dispensing has always been considered inadequate.

**Newcastle Joint Meeting.**—A lecture on "The Chemotherapy of Bacterial Infections" was given by Mr. D. G. Ardley, M.P.S. (medical department, Pharmaceutical Specialities (May, & Baker), Ltd.) to the Newcastle District and Northumberland Branch of the Pharmaceutical Society on September 28, members of the Newcastle-on-Tyne local medical and panel committee being present by invitation. Miss K. Bell (vice-chairman of the Branch) presided. Mr. Ardley described the discovery of sulphanilamide and dealt with other sulphonamides down to the most recent discoveries. Dr. T. H. Bates (secretary of the Panel Committee) proposed a vote of thanks to the speaker, and added thanks to the Branch for its invitation; seconding, Mr. G. H. M. Graham thanked the speaker and also acknowledged the remarks of Dr. Bates.

#### **Manchester News for Forces' Pharmacists**

—The enterprising Junior Branch of the Manchester Pharmaceutical Association has published the first issue of a "Bulletin of Local News," which is being circulated to members in the Forces from the Manchester area. Some twelve months ago members of the executive undertook to correspond with members in the Forces (the customary friendly letter to a colleague). From this developed the idea of compiling and publishing a bulletin. The objects are to keep in touch with members, especially those serving overseas, to look after their interest whilst they are absent, and to let them have any items of local pharmaceutical news. Prominence is given to a scheme originated by the Junior Branch to help managers and assistants to find suitable posts on the return to civil life. Those who have no position to return to will have every possible help to get settled through a register kept by the secretary. It is intended to publish the bulletin quarterly.

#### **Hull Woman President's Address.**

—At the September meeting of the Hull Chemists' Association, held on September 2, Miss E. B. Palmer wore the presidential chain of office for the first time. It was the first time in Hull, and possibly in the

whole country, that a daughter has followed in her father's footsteps in becoming president of such an association. Mrs. E. A. Brocklehurst (vice-chairman) introduced Miss Palmer by saying, "We have had only two women presidents in Hull, the first eleven years ago, and I feel that Miss Palmer fully deserves the honour we have bestowed upon her." Miss Palmer chose as the subject of her address "Women in Pharmacy." She felt confident that women could be relied upon to uphold the dignity and respect of the profession. Moving a vote of thanks, Mr. H. Brown said that, in his opinion, the advent of women in pharmacy had been for the good of the profession. He paid tribute to Mr. E. H. Earle, who had trained so many pharmacists in Hull. The vote of thanks was seconded by Mr. B. Foster.

**Liverpool Employees.**—The Liverpool Branch of the Association of Pharmaceutical Employees held a meeting recently, at which Mr. Summers presided and the speaker was Mr. John Phillips (organising secretary). Mr. Phillips dealt with wages and conditions and with the Joint Industrial Council for Retail Pharmacy. He said that the A.P.E. differed from its contemporaries and predecessors "by virtue

of its sincerity, stability, and, above all, aims," and warned his hearers not to become enmeshed in a web of side issues. Questions were asked on sex equality, trade boards, and members returning from the Forces. New members were enrolled.

**Middlesbrough N.P.U. Branch.**—Mr. W. A. Thompson presided at a well-attended meeting of the Middlesbrough Branch of the National Pharmaceutical Union on October 3, when the agenda of the N.P.U. Conference was discussed. Concern was voiced at the entry of trade unionism into the profession. The forty-eight-hour week was agreed to, with overtime rates for employees except managers. A scale of wages for the area was drawn up. No decision was reached on a scale of payments under the proposed National Health Service, the feeling of the meeting being that it was premature to set out any scale of fees. The matter was left to the discretion of conference delegates. There was strong opposition against co-operating with financial interests in negotiations affecting pharmacy. Mr. A. W. Harrison appealed to all proprietor pharmacists to become members of the N.P.U., and the chairman thanked members for the interest taken.

## PARLIAMENTARY NEWS

**Reinstatement of Women.**—Asked on October 3 if the obligation imposed on employers to reinstate in employment men called up for service applied also to women, the Minister of Labour (Mr. Bevin) replied in the affirmative.

**DDT as Fly-spray.**—Viscount Castlereagh asked the Minister of Production on September 26 if, in view of the large increase in the number of flies and other germ-carrying insects and the danger of a corresponding increase in disease, he would make available to the public the disinfectant dichlorodiphenyl-trichloroethane. Mr. Lyttelton: The total production of DDT available to the United Nations is at present required for military use and it is not possible to release any for general civilian use. A small quantity has, however, recently been allocated to the Ministry of Health for use in air-raid shelters. Raw materials for effective fly sprays have been available to manufacturers during 1944.

**Supply of Penicillin.**—In reply to questions on October 4 on the mass production of penicillin, the Minister of Supply (Sir Andrew Duncan) said seven plants, six of which were pilot plants, were at present

producing penicillin in this country. Nine large-scale plants were expected to come into operation at various dates within the next six months. Two of them were about to start production. The Ministry was in close touch with organisations in America and Canada, and had the active assistance of one of the American firms in one of the plants that was being erected.

**Control of Fraudulent Drugs in Nigeria.**—The Secretary of State for the Colonies was asked on October 4 whether any further action had been taken, in consultation with the Governor of Nigeria, respecting the control and advertisement of questionable or fraudulent drugs. Colonel Stanley replied that the Government of Nigeria was considering whether legislation should be introduced to control undesirable advertisements of the type in question. Meanwhile, the Government was carrying out propaganda to educate the public in regard to the dangers of fraudulent drugs. Asked if juju charms and medicines would be included in the drugs on which action was proposed to be taken, Colonel Stanley replied: Yes, if they come under the description of either "questionable" or "fraudulent."



## LEGAL REPORTS

**Alleged Profits Tax Fraud.**—At the Central Criminal Court, London, on September 20, five brothers associated with Levers Optical Co., Ltd., Hatton Garden, London, E.C., pleaded not guilty to conspiring to defraud the Inland Revenue, by means of alleged false accounts, of sums of money due in respect of excess profits tax. It was stated that, as a result of the alleged offence, the Revenue stood to lose £15,000. The hearing was adjourned.

**Edinburgh Sheriff's First D.D. Case.**—“I am glad to say that in this court we very seldom have a charge of this nature. This is the first of the kind that has come before me,” said the sheriff at Edinburgh sheriff court on September 27, when he imposed fines totalling £30 upon John Blyth, 51 East Trinity Road, Edinburgh, for three contraventions of the Dangerous Drugs and poisons regulations. The complaint, which was described as “rather formidable,” included charges of failing to keep certain dangerous drugs in lockfast receptacles; failing to keep a true record of poisons, etc., purchased and disposed of; and failing to produce to the police, after inspection, 411 tablets and seventeen first-aid outfits, containing a total of 306 morphine sulphate tablets, gr.  $\frac{1}{2}$ . The police found that there was no means of ascertaining whether drugs had been disposed of. Blyth, who said he was over eighty years of age, handed a statement to the sheriff, who remarked: “You say you have been fifty-seven years in business as a chemist; you should realise the importance of keeping absolutely accurate records.”

**Formula Not Disclosed.**—A fine of £10, with £3 3s. costs, was imposed at Coventry on September 28 upon King & Hudson, Ltd., wholesalers, 2 Stoney Road, who admitted having sold to an inspector of the Pharmaceutical Society, on June 17, “malaria specific” tablets, without stating upon the container the appropriate designation of the substance. Prosecution stated that the inspector came across a leaflet, enclosed in a container, which described the tablets as a preventive and also as a cure for malaria. The inspector sent for four boxes, for which he paid 22s. 4d. Each box bore the words “glandular extract,” but did not specify the glands from which it was compounded. The public analyst for Westminster reported that the tablets contained 31.4 per cent. of water, 59 per cent. of protein, and 8.75 per cent. ash.

It was consistent with having been prepared from a mixture of meat extract, gland powder, and powdered bone, with ferruginous earth filling. It constituted a contravention of the Pharmacy and Medicines Act, 1941 (Section 2). The leaflet specified that the purchase tax was 7d. per box. For the defence, it was stated that the tablets were manufactured for defendants by qualified chemists, and were not intended for sale in this country, but solely for export trade. Owing to shortage of staff the letter got into the hands of an employee, who dispatched the tablets without consulting anyone else, otherwise the reply would have been that they could not be supplied.

**Chemist Fined on Cocaine Charges.**—Fines totalling £50, with £21 costs, were imposed at Hythe, Southampton, recently, on Maurice Alterman, M.P.S., Green Roofs, Dibden Purlieu, on six summonses alleging that he was in unlawful possession of cocaine on June 7; unlawfully supplied cocaine on the same date to Georgine Matthews; failed to enter into the register particulars of a purchase of 4 oz. liquid concentrated opium on June 6; was in unlawful possession of cocaine on June 11; unlawfully supplied cocaine to Mrs. Matthews on that date; and acted unlawfully preparatory to the commission of an offence under the Dangerous Drugs Regulations on July 6. Formal pleas of not guilty were entered to all the summonses except that of failing to enter particulars in the register. Prosecuting solicitor said that it came to the knowledge of the Southampton police that defendant, who managed the pharmacy of Youngman, Ltd., Hythe, had supplied Mrs. Matthews with cocaine. At first he denied the allegation, which he later admitted, saying, “I have been weak, but I promise you it will never occur again.” He made a statement in which he said he was introduced to Mrs. Matthews in Southampton; she begged him to give her some cocaine, and he let her have a few grains. Mrs. Matthews gave evidence that one day she went to defendant's shop at Hythe and spoke about cocaine. “I was curious to know what it was like and asked him to let me try it. He took a small bottle from a locked cupboard and gave me a tiny spot to taste.” A police sergeant gave details of previous convictions against the defendant, who was given one month in which to pay the amount of the fines and costs.

## TOPICAL REFLECTIONS

### Annual Meeting Discussed

Your report of and comment on the special general meeting of the Pharmaceutical Society held a few days ago (pp. 376, 379) will no doubt be read with due attention by members of the Society. Whether a referendum on the proposed change of procedure for the annual meeting would bring a correspondingly large majority in favour of the change I have no means of ascertaining; but I should like to call attention to an aspect of the matter possibly overlooked or regarded as negligible by the speakers at the meeting on September 28. What effect would the change, if adopted, have on the balance of interests represented? One factor in arriving at an answer is railway time-tables; for we may assume that many pharmacists in all parts of the country would be glad to attend the Society's annual meeting if attendance could be rendered easier for them. Without burdening this paragraph with superfluous figures—and railway time-tables are, manifestly, subject to numerous changes in the near future—we may for our present purpose divide the country into three parts, the London area, surrounding areas up to railway distances of about 120 miles, and areas beyond. A transfer of the main business of the meeting from noon to evening would, we may conclude, largely increase the attendance from the London area, and would leave members from the distant areas virtually unaffected. Those in the second of the three areas would find their position completely changed; instead of being able to make the double journey in one day they would have to remain a night in town. This aspect will, I trust, be taken into account when the subject is further considered.

### Polypharmacy Justified

The panegyric on paregoric abstracted (p. 380) from the "British Medical Journal" goes to show that in this case the whole is greater than the sum of its parts. The findings of the two pharmacologists who contributed the monograph are not devoid of humorous suggestion. As "old paregoric, brown with some years of storage, was found best," some of us may live to see this tincture stored in sherry casks "for at least two years," and certified accordingly. Again, the observation that a part in the expectorant effect is played "especially" by the alcohol suggests a joke that some comedian or cartoonist is likely to

elaborate. Though not a pharmacologist, I venture to distinguish between the action of the benzoic acid and that of the oil of anise, both of which substances are regarded by the authors as useless. In view of the tendency of the latter to cause nausea in some patients, it might well be omitted; but as the former is still the active ingredient of a throat lozenge, I see no reason why it should not be retained.

### A Popular Medicine

Wootton's statement that the formula was devised, with the name "elixir asthmaticum," by Le Mort, Professor of Chemistry at Leyden University from 1702 to 1718, apparently rests on the authority of Quincy in his "Compleat English Dispensatory" (first edition, 1718). Quincy lavished praise upon this elixir, claiming that "it is not by a great deal so much attended to as it deserves; for there is not any Composition of our Shops to be compared to it in the intention it is ordered (*sic*). . . ." The fact that his Dispensatory ran to fourteen editions in about fifty years helped, probably, to sustain the popularity of this preparation and others resembling it. A modification of the original formula appeared in the Pharmacopœia Londinensis of 1721; in the 1746 P.L. the title was changed to "elixir paregoricum," and a few ingredients, among which was potassium carbonate, were dropped. (Potassium carbonate, by the way, occurs with remarkable frequency in formulas of the seventeenth and eighteenth centuries.) In 1788 the title became "tinctura opii camphorata," and in 1809 "tinctura camphoræ composita." The etymology of the word "paregoric" is given in many dictionaries: they agree as to its Greek origin and its association with the *agora*, the place of public assemblies, of elections, of trials, of business. The choice of the year 1684 as the date of earliest reference in our language by the compilers of the Oxford English Dictionary may not mean that they were unaware of a reference in a book published in 1669, as that great authority does not acknowledge technical words as such. The book I refer to is William Rowland's translation of Schroeder's "Pharmacopœia Medico-Chymico," and the actual word used is "Paregorick-Anodyne." As a matter of fact, Culpeper got near to the word in 1651 with "paregorica," a plural form reminiscent of Greek and Arabian medicine.

**XYaser**



## COMPANY NEWS

**CULPAR PRODUCTS, LTD. (P.C.).**—Capital £1,000. Manufacturers of and dealers in chemicals, solvents, drugs, etc. Agnes B. Cliff and David H. Partington, directors. R.O.: Chronicle Building, Corporation Street, Manchester.

**CARLTON PRODUCTS (BRADFORD), LTD. (P.C.).**—Capital £2,000. Manufacturers of and dealers in fancy goods, perfumes, toilet goods, etc. R.O.: Carlton House, 83 Barnard Road, Bradford.

**WILLSONS (CHEMISTS GOLDTHORPE), LTD. (P.C.).**—Capital £700. Objects: To acquire the business of a chemist and druggist carried on at Goldthorpe by Olive M. E. Hollingworth. Reginald Edwards, M.P.S., and Mrs. Christina Edwards, Retford, Notts, directors. R.O.: 71-73 Doncaster Road, Goldthorpe, nr. Rotherham.

**NAZONE, LTD. (P.C.).**—Capital £500. To acquire the business of manufacturers of and dealers in inhalants, snuffs and catarrhal and other remedies formerly carried on by Zonex, Ltd., 142 Promenade and Talbot Road, Blackpool. Maurice Calthorpe, James Denton, sen., and Stephen Denton, directors. Solicitors: Whitfields, Batley.

**BASIC TRADES (BRIGHTON), LTD. (P.C.).**—Capital £5,000. Wholesale and retail dealers in sugar, sweets, tobacco and pipes, lighters, licensed victuallers, caterers, manufacturing confectioners, custard and baking powder manufacturers, stationers, manufacturers of and dealers in toilet requisites, perfumery, fancy goods, photographic requisites, etc. Thomas A. Evans and Glyn C. A. Jones, directors. R.O.: 46 Old Steine, Brighton.

## BUSINESS CHANGES

**MESSRS. DOUGLAS ALEXANDER RAMSAY MONCUR, M.P.S., and HAMISH GRANT GLASS, M.P.S.,** have acquired the pharmaceutical business of the late Mr. Charles Stewart, 128 Comiston Road, Edinburgh. The business will be carried on under the style Moncur & Glass.

**BUSINESS LICENCE APPLICATIONS.**—Mr. Albert Mason, M.P.S., to carry on business as a chemist and chiropodist at 99 Beach Road, Cleveleys, Lancs.—Elsie May Levesley, to carry on the retail business of chiropody and massage and the sale of foot remedies, appliances, and beauty requisites at 347 Stanley Road, Liverpool.

## TRADE MARKS

(From "The Trade Marks Journal," September 27)

- "**FILTERIT SUPREME**" (device of bunch of grapes, etc., and exclusive use of word disclaimed) (1). By A. Hirsch (Filterit Ltd., 84 Broadway, Didcot, Berks. 624,958).
- "**ROVALINE**," "PASSIVAL," and "ROVAL" for chemical substances for use in deposition of metals (1). By International Corrodeless Ltd., Lockfield Avenue, Enfield, Middlesex 629,294 and -96 (Both Associated), and 629,295.
- "**ENSECOTE**"; for industrial chemicals, natural resins, etc. (1) (2). By Newton, Chambers & Co., Ltd., Thorncliffe Ironworks & Collieries, nr. Sheffield. 629,558, 629,781 (Both Associated).
- "**AVLON**"; for soaps, perfumery, toilet preparations, cosmetics, etc. (3). Imperial Chemicals (Pharmaceuticals), Ltd., Wexham Road, Slough, Bucks. 627,188 (Associated).
- "**PLUS ONE**" (directions, etc., on packet and words "Brushless shaving cream," "A Cot product") (3). By Coty (England), Ltd. 3 Stratford Place, London, W.1. 627,436.
- "**WHISTLE**" (device of boy with arms outstretched and the word "Whistle" printed across, the letter "S" in same forming the body—exclusive use of letter "S" disclaimed) (3). By Whistle Products, Ltd. 12 Dartmouth Street, London, S.W.1. 629,100 (Associated).
- "**HIGH LIFE**"; for perfumery, toilet preparations, and dentifrices (3). By R. Desvau & Co., 1 Shorrolds Road, Walham Green, London, S.W.6. 629,583.
- "**VALKEM**"; for veterinary and sanitary preparations, foods, medicated wines, medical and surgical plasters, weed killers, etc. (5). Surgical, medical, veterinary, and dental instruments and apparatus (10); india rubber, etc., and articles made therefrom (17). By Unichem, Ltd., 219 Upper Tooting Road, London, S.W.17. 625,780 and -8 (Both Associated), 625,785.
- "**HOWLING WOLF**"; for veterinary remedies (5). By F. Haller, 43 Church Street, Conisborough, nr. Doncaster. B627,496.
- "**KEYSOL**"; for disinfectant fluid (5). By Wimsol, Ltd., Grace Street, Keighley, Yorks. 627,774 (Associated).
- "**COMPEX**"; for catamenial appliances, and sanitary underclothing (5). By L. W. C. Edwards, 7c Lower Belgrave Street, Victoria, London, S.W.1. 628,260.
- "**NONOLAX**" (words, "A Heap of Health with Each Meal"); for laxative preparations (5). By E. R. Wrangham, 47 Old Chester Road, Sunderland. 628,313.
- "**FETSAL**"; for pharmaceutical preparation for treatment of corns (5). By Geetab Ltd., 140 Park Lane, London, W.1. 629,249.
- "**ELDROC**"; for medicinal herbs (5). By A. E. Reed & Co., Ltd., 105 Battersea High Street, London, S.W.11. 629,299.
- "**TRITUNG**"; for all goods (5). By Trinit Laboratories, Ltd., Brook House, Old Mill Street, Blackburn. 629,633.

## TRADE NOTES

**Agencies in Ireland.**—Lyons & Lyons, Corporation Market, Dublin, state that they are able to take on Eire and all-Ireland agencies.

**Perfumery Raw Materials.**—Soap and cosmetic manufacturers are invited to get in touch with Carvansons, Ltd., Monton Lane Works, Eccles, Lancs.

**New Price List.**—Wilcox, Jozeau & Co., Ltd., 74-77 White Lion Street, London, N.1, have issued a new price list, and will send a copy to any chemist on receipt of request accompanied by a penny stamp.

**Vitamin D Content Increased.**—The amount of vitamin D in Ostermilk has been increased by the makers, Glaxo Laboratories Ltd., Greenford, Middlesex, to 700 international units in each reconstituted pint.

**New Specialities.**—Gedeon Richter (Great Britain), Ltd., London, announce the introduction of Merphyllin brand of mersalylin in boxes of six and twelve 1-c.c. and 2-c.c. ampoules, and of Exocain surface anæsthetic solution, suppositories and ointment.

**Temporarily Withdrawn.**—Moore Medicinal Products, Ltd., Aberdeen, express regret to chemists that Moneeda fruit cubes have had to be withdrawn temporarily from the market because one ingredient, Smyrna figs, is no longer available in this country.

**Error in Advertisement.**—Damancy & Co., Ltd., manufacturing chemists, Harrow-on-the-Hill, Middlesex, point out that in an advertisement in the September 16 issue of THE CHEMIST AND DRUGGIST, the amount of strychnine hydrochloride given in the formula for Dellipsoids should have been gr. 1/280, and not as there stated.

**National Pharmaceutical Employees' Union.**—The rules and constitution of the National Pharmaceutical Employees' Union have been issued as a 24-page booklet, obtainable from 21 Charterhouse Street, London, E.C.1, price one shilling. The objects of the Union are set out as being to protect the rights, interests and privileges of its members and to improve working conditions; to promote good relations between employers and employed and to regulate by negotiation with State Departments, employers and their organisations in matters affecting conditions of employment, rates of remuneration, hours, holidays and all other matters arising from service contracts of members employed in any branch of pharmacy.

## COMING EVENTS

**Sunday, October 15**

**MANCHESTER PHARMACEUTICAL ASSOCIATION.**—Ramble to Buxton, Goyt Valley and Kettle-shulme. Meet. Central Station, 8.30 a.m. Book Buxton return. Inquiries to W. Edwards, Old Trafford.

**Tuesday, October 17**

**BIRKENHEAD AND WIRRAL PHARMACISTS' ASSOCIATION,** Grange Road Methodist school-room, at 7.15 p.m. Meeting.

**PHARMACEUTICAL CORPS, Hospital for Women,** Soho Square, London, W.1, at 7.30 p.m. Lecture and demonstration on "Surgical Instruments." (First of a series.)

**NORTH METROPOLITAN BRANCH, PHARMACEUTICAL SOCIETY,** Beale's Restaurant, Holloway Road, London, N.7, at 7.30 p.m. Discussion on pharmaceutical service under N.H.S.

**WEST HAM AND EASTERN DISTRICT OF PHARMACISTS AND BRANCH, Church Institute,** 27 Romford Road, Stratford, London, E.15, at 7.30 p.m. Mr. J. C. Young, Ph.C. (chairman, publications committee, Council of the Pharmaceutical Society), on "Pharmaceutical Books, or Tools of Our Trade," with exhibits.

**Wednesday, October 18**

**PHARMACY DEPARTMENT, MANCHESTER UNIVERSITY,** at 3 p.m. Speech day and presentation of prizes.

**TUNBRIDGE WELLS BRANCH, PHARMACEUTICAL SOCIETY,** Wynne's tea-room, opposite Central Station, Tunbridge Wells, at 2.30 p.m. Annual meeting.

**FEDERATION OF SURGICAL INSTRUMENT MANUFACTURERS,** York Room, Holborn Restaurant, London, W.C.2. At 12 noon, luncheon. At 2 p.m., meeting.

**LONDON SECTION, BRITISH ASSOCIATION OF CHEMISTS,** Wigmore Hall, London, W.1, at 6.30 p.m. Discussion on "Safeguarding of Key Industries," opened by Mr. Norman Sheldon, F.R.I.C. (chairman, British Chemical Ware Association).

**Thursday, October 19**

**NORTH STAFFS BRANCH, PHARMACEUTICAL SOCIETY,** Grand Hotel, Hanley, at 3 p.m. Ten-minute talks by members.

**GLASGOW AND SOUTH-WESTERN SCOTTISH BRANCH, PHARMACEUTICAL SOCIETY,** Highlanders' Institute, 27 Elmbank Street, Glasgow, at 7.30 p.m. Mr. A. A. Meldrum (a member of Council) on "The More Intimate Aspects of Pharmaceutical Politics."

**CLOSED ON SATURDAYS.**—Advertisers and subscribers are reminded that owing to war conditions the Head Office of THE CHEMIST AND DRUGGIST, 28 Essex Street, London, W.C.2, is closed on Saturdays until further notice. Urgent instructions relating to advertising and subscriptions should be sent to the C. & D., 17 Argyle Street, Bath, Somerset.



## MARRIAGES

GLASS—MAGEE.—At St. Comgall's Church, Bangor, on September 28, Thomas M. Glass, M.P.S.N.I., Brackagh House, Maghera, co. Derry, to Anne Magee, Bangor.

HEATHERINGTON—TUBMAN.—At Sydenham Methodist Church, Belfast, on September 20, William J. Heatherington, M.P.S.N.I., the Medical Hall, Hillsborough, co. Down, to Edith E. M. Tubman, Sydenham, Belfast.

## DEATHS

COOPER.—At Upton-on-Severn, on September 27, Mr. H. Talbot Cooper, M.P.S., F.I.O., High Street, Upton-on-Severn, Worcs, aged forty-five.

LIPKIN.—Recently, Dr. Reuben Lipkin, Queen's Drive, Mossley Hill, Liverpool. Dr. Lipkin qualified as a chemist and druggist in 1920, and went on to qualify in medicine through the professional schools of the University of Liverpool. Recently he and his brothers established a prize in the medical faculty of the University in memory of their mother. Dr. Lipkin was a former W.M. of the Memorial Lodge of Freemasons.

OESTERREICHER.—On September 24, Mr. A. P. Oesterreicher, managing director of Astrin Bros., Ltd., New Broad Street House, London, E.C.2, aged fifty-six.

TURNER.—On September 27, after an illness of only two days, Mr. W. Turner, Bristol, a representative for twenty years of James Smith & Co. (London), Ltd.

## PERSONALITIES

MR. HARRY BERRY, B.Sc., Dip.Bact., Ph.C., F.R.I.C., who has been appointed Professor of Pharmaceutics in the University of London (see p. 400), is Dean of the College of the Pharmaceutical Society. He was educated at the Nantwich and Acton Grammar School, and served his apprenticeship with a Nantwich chemist, Mr. W. C. Grice. During the war of 1914-18

Professor Berry served in the Royal Garrison Artillery, and in 1919 he became lecturer in pharmacy at Robert Gordon's

Colleges, Aberdeen. Later he took up a similar post at the Central Technical College, Birmingham, where he reorganised the college of pharmacy and acted as its head until 1934. From 1929-31 he was president of the Birmingham Pharmaceutical Association, and in 1934 he was appointed reader in pharmaceutics in the University of London. He was appointed Dean of the Society's school upon the retirement of Professor Burn in 1937. Professor Berry is a member of the board of studies in pharmacy of the University of London. He has been an examiner in pharmacy for the Universities of London, Glasgow, Manchester and Wales, as well as for the Pharmaceutical Society. From 1939-43 he acted as pharmaceutical adviser to the Welsh Board of Health, and as an expert inspector for the Board of Education. He is a member of the pharmaceutical subcommittee of the British Pharmacopœia Commission, of the Codex Revision Committee, and of the editorial committee of the "Quarterly Journal of Pharmacy."

SIR WILLIAM JOWITT has been appointed Minister (designate) of Social Insurance.

MR. WILFRED HERBERT LINNELL, Ph.D., Ph.C., the newly appointed Professor of Pharmaceutical Chemistry in the University of London (see p. 400), has been director of the chemical research laboratory of the Pharmaceutical Society since 1926, and is a member of the boards of studies in chemistry and pharmacy of the University. He was born at Sandbach, Cheshire, in 1895, and educated at Stockport Grammar School, the University of Durham, and Lincoln College, Oxford. He served with the Royal Engineers' Special Brigade in France, 1916-19. From the Armstrong College, Durham University, he was awarded the Earl Grey Memorial Fellowship, and graduated Doctor of Philosophy in 1924. He was a research chemist at H.M. Fuel Research Station, 1924-26. Since 1927 Dr. Linnell has been an examiner to the Pharmaceutical Society; he is a member of the Revision Committee of British Pharmaceutical Codex and of the British Pharmacopœia Commission.



## NATIONAL PHARMACEUTICAL UNION

MEETINGS of the Executives of the National Pharmaceutical Union and Chemists' Defence Association were held in London on September 26 and 27. Reports of the Accounts, Staff and Organisation, Business Services, and Central N.H.I. Committees were received and approved. The secretary's report upon matters that had arisen since the previous meeting of the Executive was also received.

### Conferences

It was resolved that the Conferences of (a) Pharmaceutical Committees and (b) N.P.U. Branch Representatives, which were to have been held in May but had to be postponed at the request of the Government, should be held at the Holborn Restaurant, London, W.C.2, on October 25 and 26 respectively.

Information was received of plans to hold in London, on November 23, a second conference of the Council of Retail Distributors. Messrs. Brocklehurst and Hearle, together with either Mr. Noble or Mr. Kemp, were elected as delegates to this conference.

### Feeding-bottle Teats

THE SECRETARY reported upon representations that had been made to the Board of Trade and the manufacturers in an endeavour to obtain more adequate supplies of feeding-bottle teats. The Board of Trade had indicated that teats produced from the extra allocations of materials made in August were now reaching the market, and that it was expected that full potential production would be on the market by early October.

### War Funds

THE SECRETARY reported that ninety-four claims had been made upon the Air-raid Mutual Assistance Fund since the flying-bomb attacks on Southern England developed. Ninety-one had been completed, and in the other three cases re-establishment of the businesses concerned was expected at an early date. It was expected that the total cost of settlement would amount to approximately £2,600. Since the previous meeting of the Executive a War Distress Fund grant had been discontinued, as it no longer came within the fund's objects. A further case had arisen, and the beneficiary was receiving a weekly maintenance grant. Subscriptions received at the time of the meeting totalled £30,317.

Matters connected with N.P.U. organisation, both local and national, were considered, especially in relation to existing branch organisation and the calling of conferences. Certain changes that had been suggested by the Staff and Organisation Committee were discussed, and it was resolved that the proposals should in due course be submitted to N.P.U. branches for their consideration. The Local Organisation Officer was authorised to arrange a series of district meetings during the season 1944-45, and if possible to provide one such meeting in each of the sixteen electoral areas. The formation of a Loughborough and District Branch was approved.

### Medical Benefit Regulations

Information from the Ministry of Health was reported to the effect that regulations connected with the medical benefit regulations were to be issued in the near future, and that an opportunity would be taken to include an amendment dealing with the dispensing of prescriptions from Insurance Committee areas other than those with which a chemist was under contract.

### Chemist's Defence Association

Settlements of an outstanding claim involved a payment of £33 arising out of the crushing of a customer's finger when a shop door slammed. Another claim, involving damage to articles of clothing, resulted from the use of perfume prepared by a member from materials that had a staining and solvent effect on textiles. A reminder was given to members that many materials at present supplied and used for perfumes have a deleterious effect on clothing, and that customers should be warned not to put the perfumes on to dress materials, etc. Fifteen other claims were left in the secretary's hands for negotiation. During the period reviewed, legal defence facilities were provided for two members, one of whom had been sued for the cost of advertising provided under a contract made by his branch manager. The member alleged that the manager (since deceased) had no authority to enter into the contract and that he himself had no knowledge of it, and the claim was withdrawn when arrangements had been made for the transfer of the hearing from London to the County Court in the member's area. The other case arose out of a sale of hairpins at a price in excess of the prescribed maximum; fines totalling £5 and costs had been imposed.



# PHARMACEUTICAL SOCIETY OF GREAT BRITAIN

THE postponed meeting of Branch Representatives, which was discussed at a meeting of the Council of the Pharmaceutical Society on October 4, was dealt with in last week's issue (p. 377). Other matters that came up at the meeting are reported below.

## Tuesday's Session

A letter received from the Sheffield Branch conveying resolutions concerning the proposed national health service was referred to the Joint Committee. It was agreed to express appreciation to the Leicester and Leicestershire Branch for a report on a questionnaire issued by the Branch on a national health service, and to press for early consideration by the Home Office of a letter from the Society urging removal of sulphonamide dressings from Schedule IV to the Poisons Rules. An amendment to the by-laws providing for an increase in fees was read a third time, and instructions were given that the amended by-laws should be submitted to the Privy Council for approval. A resolution passed by a special general meeting held on September 28 (see *C. & D.*, October 7, p. 376) was reported and referred to the Organisation Committee. The National Health Service position was reviewed, and it was agreed to submit to the Joint Committee a proposal concerning the procedure to be followed regarding other organisations interested in a national pharmaceutical service.

## Wednesday's Proceedings

THE PRESIDENT referred to the death of Sir Humphry Rolleston (an honorary member of the Society and a former member of Council), and the Council passed the following resolution: "That the Council record with deep regret the death of Sir Humphry Rolleston, an honorary member of the Society, and recall with grateful appreciation his services to the Society as a member of Council from 1934 to 1938 and his readiness at all times to give the Society the benefit of his knowledge and experience." Reference was also made to the death of Professor R. Eder, Zurich, well known for his work on pharmaceutical chemistry and in the International Pharmaceutical Federation.

THE REGISTRAR reported that since the last meeting 138 persons had been registered as "Apprentice or Student"; the names of eighty-eight persons had been restored to the register of pharmacists; and the addresses of twenty sets of premises

had been restored to the register of premises. Mr. William Robert Grant and Mr. Harry Daniel Price (both attached to Canadian General Hospitals in this country, and both formerly of Ontario), having submitted the required evidence, were registered as chemists and druggists under the reciprocity agreement. The Council authorised the sealing of diplomas awarded to thirty-five pharmaceutical chemists.

A letter was received from the New Zealand Pharmaceutical Society expressing appreciation of the Council's recent gift of books for a pharmaceutical library in New Zealand, and explaining that the original intention of creating a College Library had been changed, and that a library for the Society would now be established. THE SECRETARY reported that it had not been found possible to arrange for any Chinese students to travel to this country in time to commence the 1944-45 session, so that the scholarships would not be taken up until a year hence.

## Education Committee

MR. G. R. KNOX MAWER presented the minutes of the Education Committee, which were agreed to. They included recommendations to agree to a degree at Leeds University of Bachelor of Science, with pharmacy and pharmacology as the principal subjects, and to accept the Birmingham Branch's proposal to award the Thomas Chase prize, 1944, jointly to Margaret Bowdler and Kenneth Crowther. The Council decided that the syllabus for refresher courses for ex-service pharmacists should be adopted and circulated to the schools of pharmacy. THE CHAIRMAN explained that a meeting of representatives from schools had been called together under the chairmanship of the president to discuss the question. The meeting had also had before it the syllabus circulated on the instruction of the Education Committee. It was agreed that provision should be made so that refresher courses could be available to ex-service pharmacists, if required; the courses should be full-time, occupying four weeks; in general, an endeavour should be made to arrange the courses during term-time; all recognised schools should be asked to provide courses; the standard fee of £10 10s. should be charged by all schools offering courses; if applications were to be received centrally, each applicant should be given the opportunity to express a preference for the school at which he would

attend. The opportunity was taken to express Council's wish that the biology and physiology syllabuses should be dealt with on broad elementary lines, and that memory-burdening detail should be avoided.

#### Other Committees

The minutes of the Benevolent Fund Committee were moved by MRS. IRVINE, and approved. MR. A. R. MELHUISH, moving the minutes of the Establishment Committee, reported a further requisitioning of the Society's premises in Brunswick Square. The St. Pancras Borough Council and the War Office had now taken over further portions of the building. The report on the Council Prizes Competition, 1944, recommending the award of the Society's medal in bronze to B. C. T. Snow, Cullompton, was approved. The Council authorised the return to London of the Society's herbarium so soon as the Natural History Museum authorities considered this safe.

MR. MELHUISH also moved the minutes of the Joint School Committee. The committee was glad to learn from the Academic Board that, during the coming session, an evening refresher course of ten to twelve lectures would be given upon recent developments in pharmacy, but noted that it was not possible to provide facilities for practical work. It was decided that the Dean would set a limit to the number of pharmacists attending, and there would be a fee of £1 is. The Dean had found it possible to arrange a further part-time evening course of instruction for the diploma in biochemical analysis, to commence in April next. The committee expressed the view that a priority claim with regard to the completion of the new building should now be made, and that the support of the University of London in the matter should be sought. Professor Berry and Linnell were congratulated upon the conferment upon them of professorships in pharmaceuticals and pharmaceutical chemistry respectively. The Dean reported that Miss J. B. Carlisle, Miss D. M. James and Mr. G. F. Somers had resigned their appointments as demonstrators from August 30, and the following had been appointed to fill the vacancies: Miss M. Cornelius, B.Pharm., Ph.C., Mr. L. G. Sharp, B.Sc., Ph.C., and Miss B. Roper, Ph.C. Acting upon the authority given to him at the last meeting of Council, the president had, on the recommendation of the research scholarships subcommittee, awarded research scholarships as follows: *Allen & Hanburys Research Fellowship*, George Frederick

Somers; *Ransom Fellowship*, Isaac Michaels; *Rammell Studentship*, Jack Illingworth.

The report of the Law Committee, presented by Sir Malcolm Delevingne, showed that the premises of 1,021 authorised sellers, 119 listed sellers and 686 drug stores and similar traders had been visited by the Society's inspectors and agents during the months August and September. Sixteen cases of alleged infringements had been considered and appropriate action taken. The Committee's report referred to the undesirability of the situation arising when two preparations were marketed under the same name, one being a preparation which was a Part I poison and the other non-poisonous. A number of cases came before the Committee in which Rodine had been sold contrary to the provisions of the Pharmacy Acts, and in which the retailers concerned pleaded ignorance of the fact that two preparations of the same name but of different character were being distributed.

#### SOFT PARAFFIN AND WATER

THE usual soft paraffin of American origin is a mixture of higher members (sixteen to thirty-two carbon atoms) of the paraffin series with a small percentage of unsaturated hydrocarbons. The latter are usually of lower melting-point than the paraffins and give the soft paraffin its oleaginous characteristics. Russian soft paraffin differs in containing a large proportion of naphthenes. Soft paraffin is used almost exclusively as a neutral dressing in place of the true fats, over which it has the advantage that it does not readily become rancid, but also the disadvantage that it does not easily penetrate the skin. When it is desired that a medicament should be absorbed, it is necessary to add water. The difficulty of mixing in water, in dispersed droplets to form a quasi-emulsion, is well known to pharmacists. The most effective way is to melt the paraffin, stir the water in gradually, and keep on stirring till the paraffin has gelatinised, but even with the most careful technique it is difficult to obtain a diffusion of much more than 10 per cent. To obtain a stable product with larger amounts of water, the addition of small amounts of wool-fat or cholesterol is necessary. The addition of two parts of wool fat to ninety-eight of soft paraffin renders it possible to add at least 60 per cent. of water, whilst 4 per cent. of cholesterol makes it easy to add well over 200 per cent. of water. Dissolved salts reduce the amounts taken up.



## PHARMACEUTICAL SOCIETY OF NORTHERN IRELAND

THE nineteenth annual meeting of the Pharmaceutical Society of Northern Ireland was held in Belfast on October 2, the president (Mr. J. T. Nicholl) in the chair, and Mr. D. L. Kirkpatrick (secretary) in attendance. The minutes of the previous annual meeting were read and confirmed. The president congratulated the four retiring members (Messrs. J. E. Connor, J.P., J. Glendinning, H. F. Moore, and J. McDowell) on being returned unopposed. MESSRS. CONNOR and McDOWELL returned thanks for their election, and Mr. MOORE voiced the thanks of Mr. Glendinning and himself.

### President's Address

THE PRESIDENT said it was with regret that he opened his remarks on a sad note by referring to the deaths of two of their members, Mr. John Deery, Newtown-stewart, co. Tyrone, and Mr. Denis Rankin, a young man of high promise who had given his life for King and country as a volunteer in the Royal Air Force. To their relatives members extended their sincere sympathy.

Eleven meetings of Council had been held during the year. Four meetings of the Education Committee; two of the Housing Committee; one of the Law Committee, and eleven of the Finance Committee, had all been well attended and had received the careful attention of the members present.

### Examinations and Membership

Sixty-four candidates had entered for the Preliminary Scientific examination (Part I), an increase of five over the previous year, and of these twenty-six had passed, fifteen were referred, twenty-one failed and two were absent. In the Final Qualifying examination (Part II) there were fifty-four entries, the same number as last year; of these twenty-seven passed, fifteen were referred, ten failed, and two were absent.

Names on the register on December 31, 1943, totalled: Pharmaceutical Chemists, 1,070 (an increase of twenty over the previous year); Superintendents of Bodies Corporate carrying on business as Pharmaceutical Chemists, eighty-four (an increase of two); Chemists and Druggists, five (a decrease of one); Registered Druggists, 118 (a decrease of one); Superintendents of Bodies Corporate carrying on business as Registered Druggists, four (an

increase of one); Certified Assistants, five; Apprentices, 650 (an increase of thirty-seven). Licences issued in respect of the year numbered: Pharmaceutical Chemists, 486 (an increase of eleven); Registered Druggists, thirty-one (same as previous year).

### Poisons Licences

The number of licences for agricultural and horticultural poisons issued by local authorities was 155, against 103 in the previous year, although the Council had objected in many instances. The pharmaceutical inspector was careful to see that licensees confined their sales to poisons they were authorised to sell, and was continuously on the look out for persons making illegal sales of poisons either from their shops or in markets or fairs. In the course of the inspector's duties he had noticed that preparations containing organic compounds of mercury were being sold by many persons as seed dressings. No conditions as to sale and storage could be enforced, and he reported the facts to the Ministry. Resolutions were passed by the Medical Faculty of the Queen's University of Belfast and the Pharmaceutical Society of Northern Ireland which had resulted in the substances being classified as Part II, Schedule IV, poisons. Subsequently provision was made to enable persons to sell these substances under licence from the local authority. The pharmaceutical inspector also made visits of inspection to all holders of licences as Pharmaceutical Chemists or Registered Druggists. Poison and Dangerous Drugs records were examined and particular attention was given to enforcing the sale of poisons under qualified supervision only. The inspector had drawn the attention of the Ministry to the increased sales of benzedrine, and to the fact that these sales were viewed with concern by many chemists in the province. As a result of resolutions passed by the Pharmaceutical Society of Northern Ireland and the Medical Faculty of the Queen's University of Belfast, benzedrine had been classified as a Part I, Schedule IV, poison. The ambiguity as to whether ephedrine is a poison within the meaning of the Act had been cleared up as a result of resolution passed by the Medical Faculty of the Queen's University of Belfast and the Pharmaceutical Society of Northern Ireland and ephedrine had been classified as Part I, Schedule IV, poison, and prepara-

tions containing less than 5 per cent. of phedrine as Part II, Schedule IV, poisons. THE PRESIDENT said that one pharmaceutical chemist carrying on business as such had had his authorisation under the Dangerous Drugs Acts removed by order of the Minister in 1937. During the year under review the Minister had made an order suspending the operation of that withdrawal notice.

Members would note from the accounts, which would be dealt with by the treasurer, that the Society had had a very successful year financially, with an excess of income over expenditure of £238.

#### Post-graduate Lectures

For some time past there had been a demand from members for post-graduate lectures, and he was happy to say that, following visits by himself and the secretary, the Municipal College of Technology had agreed to hold a short course in the present academic year, details of which would be made available to members at an early date. This, he hoped, was only a forerunner of further courses which would be run for the benefit of pharmacists.

#### Projected Legislation

In the report for 1942, reference had been made to certain proposals submitted by the Pharmaceutical Society of Northern Ireland, the Ulster Chemists' Association, and the Chemists' and Druggists' Society of Ireland, for legislation on the lines of the Pharmacy and Medicines Act, 1941, together with proposed amendments to existing legislation. It had been announced in the King's Speech that a Pharmacy Bill would be introduced in the present Parliament, and it seemed probable that the necessary legislation might be introduced in the autumn session.

THE PRESIDENT concluded that it would be ungracious not to express thanks for the great courtesy he had received at all times from his fellow members of Council, and for the help that had been so readily given to him by the secretary (Mr. D. L. Kirkpatrick) and the office staff, all of whom had made his year of office a very pleasant one.

MR. FRED STOREY congratulated the president on his able address which, he said, was comprehensive and to the point. He regretted the small attendance, and said chemists should turn out and support the president. Mr. Storey drew attention to the increased number of horticultural and agricultural licences that had been

issued. He felt the forthcoming Pharmacy Bill would prove satisfactory legislation. MR. CONNOR also congratulated the president on his address and laid stress on confining to chemists the sales of all drugs.

#### Financial Statement

MR. J. McDOWELL (treasurer) submitted the financial statement, which showed the Society's finances to be in a flourishing condition. There was an increase of income over expenditure of £238. Adoption of the accounts was moved by the treasurer, seconded by Mr. F. STOREY, and passed. Mr. Storey congratulated the treasurer on a successful year.

#### Apprenticeship

MR. JAMES McCLENAHAN spoke of the number of apprentices whose names were still on the Register, though unqualified, and suggested that a student who was not qualified within ten years should have his name erased from the Register.

MR. J. McILHAGGA expressed pleasure that post-graduate classes were being formed, and asked for details—THE PRESIDENT replied that classes would commence early in the New Year.

MR. R. A. E. SIMMONS inquired what was being done to provide scholarships for apprentices.—THE PRESIDENT said that the Government had been asked to make provision for that in the new Bill.

Discussions took place on why the annual meeting could not be held on any day other than a Monday, Wednesday afternoon being suggested as the most suitable time.—THE PRESIDENT replied that, on the passing of the new Bill, a wider choice of date could perhaps be arranged.

MR. TATE proposed, and MR. STOREY seconded, a vote of thanks to the president for his work during his term of office. This was passed with acclamation, and MR. NICHOLL suitably replied.

**There'll Always be Prescriptions.**—"Positive health,' eh? . . . The maintenance of good health appears to be a precarious feat of balancing, only to a very limited extent under the control of either patient or doctor. Clearly a man may make himself ill by riotous living, but the most blameless and temperate way of life is no guarantee of reasonable, much less of positive, health. These prophylactologists of the future are going to have a job which I for one do not envy them. 'Tell me, doctor, how can I avoid getting colds, diabetes, Bright's disease, osteo-arthritis and disseminated sclerosis?'"—A writer in the "Lancet."



# NOSTROLINE

NASAL REMEDY  
Now ONE size only, 1/5  
(Including Tax)

MATTHEWS LABORATORIES, LTD., BRISTOL, 8

## FRAGRANT TONIC HAIR CREAM

MAKES THE HAIR BEHAVE

### MY LADY'S VANISHING CREAM

For loveliness and charm—Delicately perfumed.

Setting Lotion, Solid Brilliantine, Brilliantine,  
Cold Cream, Cleansing Cream, Antiseptic Balm.

LABELS FOR THESE LINES—6/- per gross.

PERFUME—COLOURING—BOTTLES—JARS.

EMULSIFIERS—Needing hot water only to give  
excellent preparations as above. Send stamp for  
details to—

**BRICCAS LIMITED**

4 CAVENDISH PLACE, LONDON, W.1

## FENNINGS' PATA

OVER 80 YEARS  
REPUTATION.

### Children's Powders

ADVERTISED EVERYWHERE. READY SALES:

ALFRED FENNINGS, COWES, I.W.

## TRAGACANTH

SPECIALISTS IN B.P. POWDER.  
SAMPLES AND PRICES ON REQUEST.

FREUDENTHEIL, SMITH & CO., 16 Philpot Lane,  
London, E.C.3.

MANsion House 1924 & 6600.

Estd. 1826

## MARRSONA

YEAST FOR ANAEMIA

MIDGLEY & PARKINSON, LTD.  
WARREN WORKS, PUDSEY, LEEDS

PERFUMERY & COSMETIC

## LABELS

IN THE

CONTINENTAL STYLE

A Well-known London Perfumery Firm writes: "We  
have had similar Labels printed both in France and  
America, but none of them equal in appearance those  
which you printed for us."

Ask for Samples

WILLIAM SESSIONS LD., EBOR PRESS, YORK

## S.V.R.

**JAMES BURROUGH LTD.**

1 Cale Distillery, Lambeth, S.E.11



... IS THE WORLD'S FINEST  
**MILK FOOD**

you can recommend it with  
every confidence for Infants.  
It is a Prideaux product, and  
shows a good profit.

Ask for details and Special Terms.

**PRIDEAUX'S PURE CASEIN Co. Ltd.**

MOTCOMBE - DORSET

London Office - 6 Southwark St.

## NALDEK

OINTMENT FOR PILES

ANTISEPTIC . EMOLLIENT . ASTRINGENT

An efficient remedy for the speedy relief of Piles.  
NALDEK OINTMENT is packed in one size only.

Retail Price, including tax: 4/-.

TERMS: NALDEK OINTMENT, 32/- per dozen.

Purchase Tax, 5/4d.

Advertising now appearing in National and Pro-  
vincial Press.

Attractive Counter Sign available. Write for  
details.

**DR. VAN VLECK COMPANY LTD.,**  
3 Fleet Lane, London, E.C.4.

NATIONALLY  
ADVERTISED

**GOLDSTONE  
BEETLE  
VIRUS**

**DESTROYS BLACK BEETLES**

The Beetles disappear and  
die, leaving no odour

Retail 1/- (8/- per dozen net)

" 1/9 (14/- " " )

Not liable to purchase tax

**GOLDSTONE CHEMICAL WORKS**  
HOVE, ENGLAND

# THE CHEMIST AND DRUGGIST

ESTABLISHED 1859

or RETAILER — WHOLESALER — MANUFACTURER

Circulates throughout the Pharmaceutical, Chemical, Drug, Essential Oil, Perfumery, Cosmetic, Toilet Preparation and allied Trades and Industries in Great Britain, Eire, the British Empire, and foreign countries

*Official organ of The Pharmaceutical Society of Ireland, The Pharmaceutical Society of Northern Ireland, The Chemists' and Druggists' Society of Ireland and of other Chemists' Societies in the Empire*

VOL. CXLII      OCTOBER 14, 1944      NO. 3375

*The fact that goods made of raw materials in short supply owing to war conditions are advertised in this paper or described in its editorial columns should not be taken as an indication that they are necessarily available for export.*

## Dispensary Hazards

AN explosion which occurred recently in the dispensary of a hospital (see *C. & D.*, September 16, p. 293) while a consignment of goods was being unpacked, has directed attention to the need for strict care in the handling of dangerous and inflammable liquids, and the Ministry of Health has issued a warning letter on the subject. It will be recalled that a container of methylated ether was knocked over and broken, and, as a result of the explosion, a woman dispenser received fatal injuries and a colleague was seriously hurt. Although the cause of the explosion is not known, the Home Office Inspector of Explosives considered that the evidence pointed to a spark from the thermostatic device of an electric steriliser igniting the vapour of the methylated ether.

Pharmacists, whether in hospital, retail, or wholesale practice, are by training and experience cognisant of the properties of such highly-volatile liquids. They take care to observe precautions, in some cases stipulated by county councils or other authorities, as to the methods and place of unpacking such liquids, their storage and use, but unqualified dispensers, whose training in some instances lasts but a few

months and who as a class do not have to shoulder the responsibility of being in charge of a dispensing department, may have little accurate knowledge of the properties of inflammable liquids, and may not fully appreciate the need for observing certain precautions as a matter of routine.

Markings on crates by wholesale houses to indicate that the contents are inflammable are usually made only when the whole of the delivery is of inflammable materials, and not when they form only part of the consignment. In the smaller hospitals or institutions, with their comparatively small deliveries, therefore, there is especial call for care during unpacking. Even among pharmacists, constant handling may sometimes lead to carelessness, and pharmacists may be guilty, if not constantly alive to the possibilities, of unpacking inflammable materials in a room, say, where there is electrical apparatus in use, or where the leads of the electric lighting are not in conduit fittings. It is also important that only minimum quantities for current use should be kept in the dispensary, and care should obviously be taken to extinguish a naked flame or switch off electrical apparatus before dispensing them.

## The Control of Pharmaceuticals in India

THE Pharmaceutical Export Group, representing export interests of the pharmaceutical manufacturers of Great Britain, has drawn up a series of recommendations and suggestions relating to the Draft Rules, 1944, under the Drugs Act (India), 1940. A committee of the Group examined the Draft Rules and selected Messrs. E. R. C. Edyvean, C. Evan Pilgrim and W. J. Williams to prepare detailed recommendations and suggestions. The subcommittee was assisted in its work by the deputy secretary of the Pharmaceutical Society of Great Britain (Mr. F. W. Adams). The recommendations have been set out in a fourteen-page memorandum. It is strongly urged by the Group that the Drugs Act [India], 1940, and Draft Rules, 1944, made under the Act, shall take effect in their entirety, and simultaneously throughout the whole of British India.



Among detailed suggestions are that labelling should be defined, and should include etching, sand-blasting, printing, painting, or other similar marking made directly on the container, and that the Director should be empowered to obtain information regarding composition otherwise than by analysis of the final product. Many preparations, it is pointed out, are not susceptible of full analysis, and power should therefore be given to obtain from the applicant or otherwise further evidence of composition. A time limit is recommended within which the licensing authority should make its decision known to the importer, and a period of two months from date of importation is suggested for this purpose. On the expiry of this period, and provided that no Orders have been passed to the contrary, the importer should be free to distribute the goods in question.

### Wholesale Dealing

The Group's definition of wholesale dealing is simple and clear-cut. It reads:—"Sale by way of wholesale dealing means (a) sale to a purchaser who buys for the purpose of selling again or for use by an industrial or commercial undertaking, and (b) sale to a medical, dental or veterinary practitioner, hospital, dispensary, nursing-home or technical institution." The second half of this definition contrasts favourably with the elaborate provisions for the sale of First Schedule poisons to medical practitioners, dentists and veterinary surgeons in Great Britain. Up to 1923 sales of poisons to these professional classes were, by the custom of the trade, regarded as wholesale transactions. This custom was swept away, so far as sales of poisons in Schedule A, Part I of the Poisons and Pharmacy Act, 1908, were concerned, by Section 3 of the Dangerous Drugs and Poisons (Amendment) Act, 1923, which required medical practitioners, dentists and veterinary surgeons, when purchasing such poisons, to sign the seller's poisons book or alternatively to send a written order, either in advance or within twenty-four hours of the sale, and required the seller to make an entry in the prescribed form. An explanatory memorandum issued by Sir John Anderson in connexion with the passing of the Act stated that the

obligation of purchasers of Part I poisons to sign the poisons book "had been very much neglected in the case of sales to doctors," and that the new procedure had been laid down after consultation between the Home Office, the British Medical Association and the Pharmaceutical Society. Rule 7 (3) of the Poisons Rules, 1935, based on Sections 18 (2) (b) and 20 (3) of the Poisons and Pharmacy Act, 1933, substantially repeated this provision, with an extension of the classes of persons to whom Schedule I poisons may be sold, and a restriction of use by them to purposes of "trade, business or profession."

The Group congratulates the Government of India on compiling a comprehensive Code of Rules, records its complete sympathy with the aims of the proposed legislation, and puts forward its recommendations as being "the appropriate organisation to formulate recommendations and suggestions relating to the Draft Rules, 1944, on behalf of the pharmaceutical industry of this country."

### Speeding the Empties

It is satisfactory to note (p. 391) that special arrangements have now been made for a speedier return of all empty containers that are urgently required. From time to time in these columns we have called attention to the package shortage in the chemical industry, stressing the point that users can hardly expect manufacturers to hurry deliveries if they themselves fail to return containers within a reasonable time. Several other factors, however, have also operated to create the container shortage. Manufacture of carboys, drums and other packages has been restricted during the war, and carriers have sometimes failed to appreciate the urgency of the "returned empty" traffic. Under the new arrangements the difficulty is likely to be largely solved, and so soon as the necessary raw materials are available there is little doubt that attention will be given to a supply of new packages which, after all, are equally as essential as the goods they contain. In the meantime the trade can only do its utmost to ensure that every available package remains in service by giving close attention to the quick "turn-round" of empties.

## CHEMISTS' FRIENDS ASSOCIATION

A MEETING of the council of the Chemists' Friends Association was held in London on September 19. Mr. F. J. Smith in the chair. A final draft of the new constitution and rules was received, and its submission to the Registrar of Friendly Societies, for the purpose of registering the C.F. Association as a trade union, was approved. It was resolved that the new constitution and rules, as drafted, should become effective on January 1, 1945.

An application from Bleasdale, Ltd., manufacturing and wholesale chemists, York, for manufacturer membership of the C.F.A., and for the inclusion of the whole range of their proprietary pharmaceutical products in the C.F. list, was approved. The council also accepted the following applications for additions to the schedules of existing C.F. agreements:—

RYBAR LABORATORIES, LTD.—Elixir Iodoceost. Co.; Rybaferrin; Rybathane.  
A. L. SIMPKIN & Co., LTD.—Medophyll tablets.

### Standards and Approved Wholesalers

The council considered the draft rules that had been prepared by the C.F. Standards Committee for the guidance of manufacturers in submitting applications to include products in the C.F. list, and it was resolved that the rules should be referred back for further revision.

Four applications from wholesalers for the inclusion of their names in the list of approved distributors by wholesale were considered. Three were rejected and one was referred back to enable additional information to be obtained by the secretary.

### Propaganda and Price Regulation

The report of a meeting of the C.F. Propaganda Committee held on September 9 was received and approved. The secretary was instructed to communicate with I.N.P.U. branch secretaries drawing their attention to the efforts of the Newcastle branch to obtain 100 per cent. co-operation for the C.F. movement by chemists in the Wyndeside area. The council was of opinion that other branches might be prepared to organise similar campaigns, and it was resolved to send a letter of thanks to Mr. H. M. Graham for his endeavours in Newcastle.

THE SECRETARY reported upon an interview which he and Mr. Mallinson had had with the secretary of the Central Price Regulation Committee on July 14, when

matters connected with price-control legislation had been discussed. At this interview it had been explained by Mr. Mallinson that the C.F. council accepted the principle of price control as administered by the Central Committee. An undertaking was given that the attention of new members of the C.F.A. should be drawn to the necessity of seeing that their prices did not contravene the Prices of Goods Act.

### C.F. Manufacturers

The secretary was instructed to make the necessary arrangements to hold the annual meeting and luncheon to C.F. manufacturers during the last week in November, as in previous years.

The council considered fifty-one applications for maintenance of supply of C.F. products to businesses temporarily converted into drug-stores owing to war-time conditions; forty-eight were accepted and three refused. One application from a drug-store proprietor for permission to obtain supplies of C.F. products for resale by retail was not granted.

## C. & D. DISPENSING PRICE LIST

CHANGES in prices for the month do not affect the drug index figure to any appreciable extent. It remains at the September level of 134.9, the corresponding figure for the same month in 1943 being 134.4.

Cost		Due allowance has been made for purchase tax in both cost and dispensing prices	Dispensing price		
d.	per		4 oz.	1 oz.	1 dr.
126	lb.	Benzoin pulv. . .	s. d. 4 6	s. d. 1 4	s. d. 0 3
11	gr.	Cantharidinum S. I (4)	1/10	grain	
54	lb.	Confectio guaiaci co., B.P.C. . .	2 3	0 9	0 2
63	lb.	Confectio piperis . .	2 7	0 10	0 2
72	lb.	Elixir phenobarbiton. R only	3 2	1 0	—
40	dr.	Ext. hydrastis . .	0/4	pr.	grain
84	oz.	Ext. hydrastis liq. . .	—	—	2 0
108	lb.	Ichthammol . .	4 4	1 4	0 3
22	lb.	Liq. ferri persulphatis . .	1 4	0 6	0 1
157	oz.	Ol. anisi . .	—	—	3 8
63	oz.	Ol. geranii, E.I. . .	—	9 1	1 4
34	oz.	Ol. verbenæ . .	—	5 0	0 9
27	lb.	Oxymel . .	1 0	0 4	—
25	lb.	Potassii carbonas. .	1 0	0 4	0 1
27	lb.	Sodii cyanidum S. I (4)	1 0	0 4	0 1
13	dr.	Spt. cinnamomi . .	—	—	2 1
15	dr.	Trypsinum . .	—	—	2 3



## M.O.H. BULLETIN TO PHARMACISTS

THE following abstracts are taken from the fourth Ministry of Health Bulletin to Pharmacists, issued by arrangement with the Pharmaceutical Society:—

### New Low Records in Mortality

The vital statistics of England and Wales during the war have been cheering items of news. The records in 1942 were low, and 1943 would probably have been better, had it not been for the epidemic of influenza in its last quarter. In spite of this setback, 1943 established new low records for infant mortality; for death rate at ages 1 to 10, and at 10 to 15 the rate was the same as the previous low record of 1939. Apart from the substantial reductions in the mortality of infants and children, many diseases showed mortalities (all ages) not only extraordinarily low for a fourth year of war, but even the lowest ever recorded.

The number of deaths in 1943 was the lowest on record since 1930 or longer for each of the following diseases (for both sexes where not otherwise shown): typhoid fever, anthrax, diphtheria, erysipelas, tuberculosis, all forms (in females only), septicaemia, syphilitic sequelae, syphilis (except congenital), acute poliomyelitis, hydatid disease, exophthalmic goitre, other diseases of the thyroid, diseases of the thymus, diseases of the adrenals, rickets, alcoholism, epilepsy, convulsions (under 5 years), gangrene, appendicitis (in males only), cirrhosis of liver (in males only), biliary calculi and other gall bladder diseases, nephritis, urinary calculi, diseases of bladder and urethra other than prostatic, infection during childbirth, haemorrhages and toxæmias of pregnancy and childbirth, diseases of the skin and subcutaneous tissues, diseases of bones, joints and muscles. For diabetes the number of deaths was the lowest since 1932.

The remainder of the article is a condensation from the Monthly Bulletin of the Ministry of Health and the Emergency Public Health Laboratory Service for August 1944.

### Rickets

Rickets, that deficiency disease so long prevalent in this country, particularly in the large industrial towns, has been the cause of much deformity, including pelvic abnormalities resulting in difficult midwifery. There are definite signs and symptoms of rickets, but the signs are

the more important, and one attaches little significance to such symptoms as head sweating, restlessness and irritability. Contrary to former teaching it is now believed that rickets develops before the child is eighteen months old and that early signs may be present even before the infant is born. Fortunately the incidence of rickets has been steadily declining for a number of years. Indeed, severe rickets in this country has been almost eradicated. This improvement has been attributed to better social conditions and to better feeding and education, but with the advent of war, which brought in its train difficulties and restrictions, it was feared that some increase in this deficiency disease might have occurred. In order to estimate the position the Ministry of Health has recently sponsored an investigation into rickets incidence.

During this investigation over 5,000 children between the ages of three and eighteen months were examined in twenty-three different areas. Comparison with the results of previous investigations, where these had been taken in pre-war years, showed that there was no evidence of any war-time increase in rickets. At the same time, although no severe types of the disease were found there was evidence that rickets in a mild form still exists in the country, and especially in the industrial towns of the North. Another interesting result was that a higher number of children who had received cod-liver oil or another vitamin D preparation were free from rickets than were those who had received no such preparation. The Ministry of Food, in collaboration with the Ministry of Health, have arranged a national scheme by which vitamins A, D and C are available in adequate dosage of international units for expectant mothers and children.

### Constipation Remedies

It was early impressed on us in our student days that constipation was the commonest disorder in Britain. It may be said to be a popular disorder since people generally seek a remedy for it, which is not always the case with many other minor—and major—troubles. The physician is relatively seldom consulted and the person prescribes for himself or asks the pharmacist's advice. Here is a useful opportunity for health education which is particularly apposite, since many popular remedies are in short supply. The aperient group includes, amongst others, sulphur

liquid paraffin, liquorice and castor oil. Castor oil and liquid paraffin come from abroad and their use now should not be recommended. Liquid paraffin has a use after certain surgical operations, but it is undesirable to take it regularly. Apart from interfering with the energy-producing substances absorbed from foodstuffs, there is another important aspect. The body cannot synthesise vitamin A and derives all its supply from foods either as the vitamin itself or in the form of carotene. Even a small dose of liquid paraffin will absorb the carotene contained in a normal diet, and so prevent it from being taken into the system. Further, the oil speeds up the flow of contents along the intestine, and thus it follows that digestion is not so complete.

The use of constipation remedies as a daily routine should be avoided, for if any of the mild aperients are used regularly they become habit-forming. Sulphur is excellent for occasional use and it is cheap and readily available. Compound liquorice powder is one of the safest and mildest aperients and can be taken by young and old. Its dose can be regulated and it produces no objectionable side effects. Great benefit is usually derived from a good preparation of dried yeast or yeast extract.

### Anthraquinone Group

The anthraquinone group consists of preparations made from rhubarb, which is in very short supply, senna, aloes, cascara sagrada and derivatives of anthraquinone, which are made synthetically. These drugs appear in many forms, they are frequently prescribed, and are contained in many well-known preparations such as confection of senna. They owe their therapeutic activity to the presence of anthraquinone; in addition they contain several other active principles which are related to each other. These substances and the various preparations made from them are available, but it should be borne in mind that the bulk of raw materials have to be shipped. In this group of drugs the synthetic substance phenolphthalein may be included. This acts in a somewhat similar manner to the anthraquinone series, namely, by stimulating the large intestine. In addition, some action is exerted on the small bowel, but phenolphthalein has one unique quality, it "goes round and round." By this is meant that when it reaches the large intestine part of it is re-absorbed and carried back by the blood stream to the liver and passed again into the gut via the

bile. Thus, one reasonable dose of the material acts for several days, its action becoming milder and milder as more is excreted.

Hydragogathartics have a more powerful action than any of the purgatives discussed above. Colocynth, podophyllin, jalap and scammony resin make up the series. It should be remembered that like many of the anthracene purgatives, they come from various war zones overseas. The chief saline purgatives are Glauber's and Epsom salts. Rochelle salt and sodium phosphate are milder in action. It is reasonable to include oxide and carbonate of magnesia, which, though insoluble, form soluble salts in the stomach and intestine. These substances are amongst the safest for the treatment of constipation.

### Positive Health

The focus of medical thought is shifting. Preoccupation with pathology is gradually giving way before an increasing attention to preventive medicine. This alteration of interest is also appearing outside the medical profession, for laymen are realising it is better to foster health than to cure disease. The significance of positive health is best understood by first examining the meaning of the word "health," though this is not quite so simple as it appears. In so far as it is possible to measure enough aspects of any individual's physical (or mental) state, it is possible to assign him a place on the health-disease line with reasonable accuracy; for example, 90 per cent. or 60 per cent. healthy or 75 per cent. diseased according to the end from which the assessment is made. This is precisely what is done when a Service medical board grades a recruit or an insurance doctor assesses a candidate for a life policy.

Individuals blessed with positive health will get more out of life than the ordinary man, who in his turn is better situated than one handicapped by continual chronic disease or disability. With all its trials and tribulations, with all the "slings and arrows of outrageous fortune," life is splendid and should be lived splendidly and with zest. But to reach that stage we need the best equipment, superior bodies and minds. If one thinks that this superiority is worth some expenditure of effort—and most people would agree that it is—then can we do anything to achieve positive health? Fortunately, the answer is, yes. How it can be done is the function of the health propagandists, and that means all who work in the cause of health.



# THE SAGA OF STRATHPEFFER

by J. Ross-Mansell, B.Sc., M.P.S.

## V.—Politics

**S**TRATHPEFFER, like so many of us, is filled with a potential piety that seldom sees the light of day, except for periodical Sunday airings. Yet, in all humility, he invariably starts the day with a heart full of gratitude for being spared to carry on. Like so many others, too, Strathpeffer has but a feeble political consciousness, though firmly rooted in the fundamental prejudice that an Englishman is, by divine right, freely entitled to do what he likes without interference from the populace or the "rabble."

### Uneasy of Mind

Not that Strathpeffer is easy either of heart or mind. Pharmacy has, he feels, been for so long the sport of the money-changers, charlatans of no mean status,



Abjectly humbled in the dispensation . . . to earn a livelihood in his vocation.

parasites who have so prospered that they can bedeck themselves in ermine, that, like Carlyle's character Herr Diogenes Teufelsdröckh of Weissnichtwo, Strathpeffer is the "miserablest man in the whole Suburbs." More than once he has felt abjectly humbled in the dispensation extended to him by a special Providence, seated in the House of Lords, to earn a livelihood in his vocation. Today, however, as so many times before, Strathpeffer resolves once again that he must "do something about it." Carlyle, he remembers, makes Teufelsdröckh sit up and take notice. "What art thou afraid of? Wherefore, like a coward, dost thou for ever pip and whimper, and go cowering and trembling? Despicable biped! Let it come then: I will defy it!" But, beyond the vague and popular idea that "the old gang" are responsible for his economic insecurity, Strathpeffer has for long exhibited that attitude of masterly inactivity which, he so frequently says, pervades the counsels of "No. 17."

### A Letter from the Local Branch

We find him this morning, then, looking through his correspondence, which includes,

we observe, a notification from the secretary of his local branch of a meeting to be held next week. If he acts as usual, Strathpeffer will give no further thought to the matter. We have ourselves received such communications and decided it is a waste of time to go. Strathpeffer notes, however, that the speaker at this meeting is to be Mr. Ditherer (a member of the Pharmaceutical Society's Council), and that he has chosen for his subject the time-worn



Strathpeffer has for long exhibited that attitude of masterly inactivity.

"Future of Pharmacy." Strathpeffer resolves not to pander to what passes for popular taste, but that he will be unmercifully iconoclastic. With Thackeray he resolves to proclaim: "I can't help telling the truth as I view it, and describing what I see. To describe it otherwise than it seems to me would be falsehood in that calling in which it has pleased Heaven to place me." It is in that zealous spirit that Strathpeffer resolves, in buoyant hopefulness, that Mr. Ditherer shall be told where he can go with his platitudes. With the "hurried frankness" of Scott's verse, he will muster his company of critics and smite "the old gang" hip and thigh. Now glowing with moral ardour and beset with virtuous sentiments, he surveys the roads by which pharmacy has strayed into the wilderness. Concerned, as are we all, for the much tormented fraternity of which he has the honour of being an Ordinary Member, Strathpeffer becomes uplifted with an exhilaration of anger.

### Strathpeffer Resolves

As a consequence, Strathpeffer resolves unlike 90 per cent. of the branch members that he will go to the meeting, and no longer view the battle and the skirmishes from outside the arena of endeavour. As for Ditherer, he is only

A man so various that he seemed to be  
Not one, but all mankind's epitome.  
Stiff in his opinions, always in the wrong,  
Was everything by starts, and nothing long  
But in the course of one revolving moon  
Was chymist, fiddler, statesman, and buffoon  
And so he will be told. We share with  
Strathpeffer his good resolve, with, how

ever, the qualification that what is wrong with pharmacy is not the "old gang," whoever they may be, but its own apathetic electorate, comatose with smug self-satisfaction. We congratulate Strathpeffer



on going so far towards realising that any democracy becomes decadent if its members choose to remain inarticulate and passive. We may or may not agree with what Mr. Ditherer is going to say, but it is our elementary duty and privilege as members of a craft democracy to

attend the forum—"bawling what it likes, breaking what it likes."

#### A Meeting Assembles

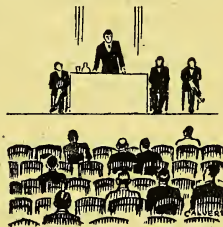
The days pass, and we are witnesses at a new scene. The meeting to decide what, if any, future there is for pharmacy is gathering. The branch secretary has circulated the four-hundred-odd members, stressing the importance of members deciding what part they are prepared to play in the brave new world-to-be, and what minimum recompense they will accept for their professional co-operation. We know to our cost that, in return for securing compulsory membership a few years ago, the Society forthwith ceased to have an exclusive interest in its members. What *quid pro quo* can the Society make in return for supervising so greatly extended a pharmaceutical service? Will it accept the privilege of dispensing in a national health service on the basis that any remuneration for a monopoly is recompense enough? On these issues a coherent and emphatic decision is necessary, unless Strathpeffer's "old gang" are to be left to the privacy of their senatorial deliberations, to get the "best terms and conditions possible." The history of pharmaceutical politics is strewn with policies "too little and too late." Of the four-hundred-odd members of the branch, only about twenty think the occasion of sufficient importance to attend, and we are astonished, nay pained, to see that Strathpeffer is not of the twenty. What has happened? Alas!

#### Resolution Weakens

At about seven o'clock, as Strathpeffer is thinking of going to that meeting, resolved that

Several factions from this first ferment

Work up to foam and threaten the government it comes to him that he is, like Hooker, "unwilling to behold anything that duty bindeth it to reprove." Shall we, who suffer the same malady, sit in judgment on him? As we overhear his "What's the use?" shall we condemn his pusillanimity? We are ourselves of no sterner stuff! As Strathpeffer continues his armchair lamentations, and as he despairs of any Daniel coming to judgment, shall we join with him in rebuking "the old gang"? No! Let us leave Ditherer to his platitudes. We realise that, "off the record," Ditherer thinks the retail pharmacist an unintelligent, stupid, half-educated and semi-trained automaton. His contempt for pharmacy is apparent in his dealings with Government departments, yet—strangest of all paradoxes—he remains tenaciously a pharmacist, and, let us remind ourselves, a prominent and esteemed member of our Society. Why? Somewhere there must be an answer to this riddle.



Of the 400-odd members of the branch, only about twenty think the occasion of sufficient importance to attend

**Back to Routine Gargling.**—The following is taken from the "Miscellany" column of the "Manchester Guardian": "The hope of finding, in patulin, a cheap and certain cure for the common cold has failed decisively, and we are thrown back once more on the traditional methods, the most favoured of which is undoubtedly gargling. Sergeant majors in particular will not be sorry, for the mass administration of patulin might have meant learning a new parade drill, while that for gargling is cut and dried, so to speak. In 1931, during the influenza epidemic, antiseptic parades were regularly held, at which the men gargled by numbers. On the word "one," the man seized his glass smartly with the right hand, keeping the left at the side with the thumb in line with the seam of the trousers. On the word "two," he raised his glass to his lips, taking in the desired quantity of the gargle. On the word "three," he threw back his head, breathed out gently, and gargled. . . . How old soldiers must have sighed for the good old days."



## COMMERCIAL NOTES

### Soviet Chemical Industry Expansion.—

Since the war, thirteen new Soviet chemical undertakings have been set up in the East, and fifteen old plants enlarged. The Voskressensk Chemical Combine is stated to have achieved a 43 per cent. increase in production during 1943, while the Orekhovo-Zuevo plant reached nearly its pre-war production level, despite the use of part of its equipment to organise a new plastics plant in the East. The chemical industry as a whole is stated to have achieved an 8.2 per cent. reduction in production costs in 1943, instead of 4.5 per cent. as planned.

### United States to Import Spanish Olive Oil.

—The United States has arranged with the Spanish Government for the importation of 3,000 tons of olive oil. The oil may be purchased through regular trade channels by private interests. Olive oil is among several oils recently returned to private trade by the War Food Administration, and no permit is necessary for importations. The basic ceiling price for imported pure pressed edible olive oil in drums, duties and taxes paid, f.o.b. port of entry United States, ranges from 4.91½ to 4.44½ dollars per gallon, according to quality.

**World Sugar Situation.**—The United States Bureau of Agricultural Economics, in a report entitled "The World Sugar Situation," states that sugar supplies available to the United Nations during the current year are slightly larger than they were during 1943, but are likely to be smaller in 1945, because of prospects of a smaller crop in Cuba and reduced stocks in both producing and consuming areas. The production of sugar among the United and neutral nations during the marketing season ended about September 1, 1944, appears to be approximately 20,800,000 short tons, not including the equivalent of 900,000 short tons used for the production of invert molasses. This is about 800,000 short tons, or 8.9 per cent., more than the production from the same areas for the previous season. It is also about 1,300,000 short tons more than the average pre-war (1935-39) quantity produced in these areas, excluding invert molasses. This does not mean that the quantity of sugar available for consumption in the United Nations will be larger than in pre-war years. Prior to the war the United States, Great Britain and India each imported considerable quantities of sugar from areas now occupied by enemy forces. The most important sources of these

imports were the Philippine Islands and Java, although Great Britain imported some sugar from the continent of Europe. The increase in supplies for the current season has been entirely in cane sugar. The 1943-44 crop in Cuba, estimated at 5,650,000 tons, including the amount used for the manufacture of invert molasses, is 2,410,000 tons larger than that produced from the 1942-43 crop. The crop in the rest of the West Indies is about a quarter of a million tons smaller than last year. A slight decrease also occurred in Hawaii and Mexico. The cane crop in continental United States in 1943-44, although small in relation to the production of other areas, amounted to 498,000 short tons. This is 8 per cent. more than the crop of the previous year and the largest since 1939. The 1943 crop in Australia was 19 per cent. smaller than that of 1942, and 35 per cent. below the unusually large crop of 1940.

**Pharmaceutical Imports into Peru.**—A decree issued by the Peruvian Government on August 8 amplifies previous regulations requiring the registration of certain galenical and chemical products. Under the new regulations factories and laboratories which make chemical products or galenical preparations for human and veterinary medicinal use, which operate under the control and vigilance of the competent sanitary authority of their country of origin, and which have been or are subsequently registered, are allowed to make a "global" registration of the list or catalogue of the products which they may have presented or may at the time of their application present, for registration in a register of factories and laboratories kept at the Inspection General of Pharmacy. Products of foreign firms that have not had their status of manufacture authorised by their respective Governments are liable to control and to payment of fees for analysis as laid down in an earlier decree. Should it be proved that products sent to Peru by foreign companies do not correspond to the quality declared on the invoice, the Inspection General of Pharmacy will cancel the registration of the exporting firm and prohibit entry of its products into Peru. The "global" registration must be renewed every five years.

**Keeping up the Pressure.**—Consumption of waste paper is maintained at a high level. There must be no falling off in supply.

## TRADE REPORT

spot quotations for pharmaceutical chemicals, crude drugs and essential oils represent the prices for wholesale quantities of standard quality. C.i.f. quotations do not include marine war risk insurance and other abnormal charges payable in the present emergency

28 Essex Street, W.C.2, October 11

TRADE in the London drug and chemical markets during the past week has been quiet, but the prices of most commodities are firm. PHARMACEUTICAL CHEMICALS continue to sell in fair quantities at prices unchanged from those previously given.

### Crude Drugs

Reports from the CRUDE DRUGS section of the markets agree that little has occurred to alter the supply and price positions during the week. Business has continued on the restricted scale that has lately characterised these markets, the limiting factor being lack of supplies to fill the seasonal orders usually expected at this time of year. A recent offer of Cape ALOES has been taken up immediately, and no further supplies are available at present. ARECA CUTS is quoted lower. BALSAMS are steady and unchanged in price. A higher figure is again mentioned for BENZOIN. Demand for CARDAMOMS has been negligible. Firm conditions obtain for Zanzibar CLOVES. GILLIES is dull, with no changes in quotations. Good-quality ERGOT is not plentiful, and would not be available under the price quoted. Some low-testing Indian HENBANE may be obtained on spot at an exceedingly low figure. JABORANDI remains in meagre supply at the previous firm price. RHUBARB is selling fairly well at the last-mentioned price. SARSAPARILLA is unobtainable. As of the last week, TURMERIC is dearer. Some changes are noted in CARNAUBA WAX.

### Essential Oils

A new and revised list of essential oils reported by the Ministry of Food for distribution under the 1944 programme has been issued, and the prices to users, in original packages, are given on p. 415. The Ministry of Food has announced that the only change in the existing prices of refined oils and imported edible animal fats located to primary wholesalers and large trade users during the eight weeks' period October 15 to December 9 is imported animal fats, South American premier, increased £11 per ton to £73 15s. per ton, c.i.f., duty paid, in hardwood barrels or casks.

### Pharmaceutical Chemicals

ACETANILIDE.—Crystals are quoted by makers at 2s. 5d. per lb., and powder at 2s. 6d.

ALLOBARBITONE.—Price is steady and unchanged at 6os. per lb.

ATROPINE.—Makers' quotations are steady at the following rates per oz.: ALKALOID, B.P.—1 oz., 35s.; 4 oz., 34s. 6d.; 25 oz., 34s. SULPHATE, B.P.—1 oz., 28s.; 4 oz., 27s. 6d.; 25 oz., 27s. METHYL BROMIDE and METHYL NITRATE, 1 oz., 65s.

BARIUM SULPHATE, B.P. (x-ray).—Quoted at the following rates per lb., in quantities of 28 lb.—1 cwt. (containers in brackets): 1s. 5½d. (1-lb.); 1s. 4d. (4-lb.); 1s. 3d. (7-lb.); 1s. 2½d. (14-lb.); 1s. 2d. (28-lb.).

BENZOIC ACID.—Quoted at 3s. to 3s. 6d. per lb., according to quantity.

BENZYL BENZOATE.—Available for approved purposes at 4s. 6d. to 5s. per lb., according to quantity.

BORAX.—Makers' current rates are unchanged: B.P. quality, granulated, £42 per ton; crystal, £43; powder, £43 10s. Packed in one-cwt. bags, delivered carriage paid in Great Britain in one-ton lots and upwards. Commercial grades, £8 per ton less.

BRUCINE.—Current rates per oz. are as follows: ALKALOID.—Under 25 oz., 1s. 4½d.; 25 oz. and under 100 oz., 1s. 4d.; 100 oz. and under 500 oz., 1s. 3½d. NITRATE AND SULPHATE.—Under 25 oz., 1s. 3½d.; 25 oz. and under 100 oz., 1s. 3d.; 100 oz. and under 500 oz., 1s. 2½d.

CAFFEINE.—Quantities of 7 lb.—28 lb. are quoted per lb. as follows (supplies subject to D.M.S. approval): ALKALOID, B.P., 34s.; CITRATE, 23s.; SODIUM BENZOATE, 23s.; SODIUM SALICYLATE, 23s. 9d. Tins extra when supplied.

CALAMINE, B.P.C.—Current prices are as follows: 7-lb. lots, 1s. 8d. per lb.; 28-lb. lots, 1s. 6d.

CITRATES.—Makers quote POTASSIUM per lb., in 28-lb.—1 cwt. lots, as follows (containers in brackets): 3s. 3½d. (1-lb.); 3s. 2d. (4-lb.); 3s. 1d. (7-lb.); 3s. 0½d. (14-lb.); 3s. (28-lb.). IRON AND AMMONIUM (SCALES), B.P., is at 3d. per lb. above, and SODIUM is at 1d. per lb. below these prices; POTASSIUM AND SODIUM POWDER, 1d. per lb. extra.

CODEINE.—Makers' prices per oz. are as follows: ALKALOID.—½ oz., 48s. 3d.; 1 oz., 45s. 9d.; 2 oz., 44s. 3d.; 3 oz., 43s. 6d.; 4 oz., 43s. 3d. HYDROCHLORIDE.—½ oz., 42s.; 1 oz., 39s. 6d.; 2 oz., 38s.; 3 oz., 37s. 3d.; 4 oz., 37s. PHOSPHATE.—½ oz., 37s. 9d.; 1 oz., 35s. 3d.; 2 oz., 33s. 9d.; 3 oz., 33s.; 4 oz., 32s. 9d.

CREAM OF TARTAR.—Controlled prices for the smaller quantities are as follows: Less than



7 lb., 2s. 10d. per lb.; 7 lb.—14 lb., 2s. 9½d.; 14 lb.—28 lb., 2s. 9d. For the full schedule, see C. & D., May 20, p. 555.

**DIAMORPHINE.**—Current rates per oz. for small quantities are as follows: **ALKALOID.**—½ oz., 54s.; 1 oz., 51s. 6d.; 2 oz., 50s.; 3 oz., 49s. 3d.; 4 oz., 49s. **HYDROCHLORIDE.**—½ oz., 49s.; 1 oz., 46s. 6d.; 2 oz., 45s.; 3 oz., 44s. 3d.; 4 oz., 44s.

**ETHYLMORPHINE.**—Quotations per oz., in small quantities, remain as follows: **ALKALOID.**—½ oz., 51s.; 1 oz., 48s. 6d.; 2 oz., 47s.; 3 oz., 46s. 3d.; 4 oz., 46s. **HYDROCHLORIDE.**—½ oz., 43s.; 1 oz., 40s. 6d.; 2 oz., 39s.; 3 oz., 38s. 3d.; 4 oz., 38s.

**IODINE PREPARATIONS.**—Prices per lb. for the home market are as follows: **POTASSIUM IODIDE, B.P.**—112 lb., 9s.; 28 lb., 9s. 6d.; 14 lb., 10s.; 7 lb., 11s. 6d.; 4 lb., 12s.; smaller quantities, 12s. 6d. **SODIUM IODIDE, B.P.**—28 lb., 9s. 11d.; 14 lb., 10s. 5d.; 7 lb., 12s. 2d.; 4 lb., 12s. 10d.; smaller quantities, 13s. 8d. **IODOFORM, B.P.**—28 lb., 12s. 10d.; 14 lb., 13s. 4d.; 7 lb., 15s. 6d.; 4 lb., 16s. 4d.; smaller quantities, 17s. 2d. **IODOFORM CRYSTALS.**—2s. per lb. above powder prices. **IODINE RESUBLIMED, B.P.**—112 lb., 10s. 4d.; 28 lb., 10s. 10d.; 14 lb., 11s. 4d.; 7 lb., 13s. 1d.; 4 lb., 13s. 9d.; smaller quantities, 14s. 6d.

**LACTATES.**—Prices are unchanged as follows: **LACTIC ACID.**—Six-winchester lots, 2s. 10d. per lb.; smaller quantities, 2s. 11d. **CALCIUM LACTATE.**—Small quantities, 2s. 3d. per lb. **CALCIUM SODIUM LACTATE.**—Powder, small lots, 3s. 5d. per lb.; 14-lb., 3s. 2d.; 28-lb., 3s., granular, one penny per lb. extra.

**MAGNESIUM CARBONATE, LIGHT.**—Makers' home market prices per lb., in quantities of 28 lb.—1 cwt., are as follows (containers in brackets): 1s. 3½d. (1-lb.); 1s. 2d. (4-lb.); 1s. 1d. (7-lb.); 1s. 0½d. (14-lb.); 1s. (28-lb.). Prices net one month.

**MAGNESIUM TRISILICATE, B.P.**—Home market prices per lb., for quantities of 28 lb.—1 cwt., are as follows (containers in brackets): 3s. 9d. (1-lb.); 3s. 7½d. (4-lb.); 3s. 6½d. (7-lb.); 3s. 6d. (14-lb.); 3s. 5½d. (28-lb.). Prices net one month.

**PHENOLPHTHALEIN.**—No change in makers' prices, as follows: Less than 7 lb., 4s. 6d. per lb.; 7 lb., 4s. 5d.; 14 lb., 4s. 4d.; 28 lb., 4s. 3d.; 1 cwt., 4s. 2d.

**PILOCARPINE.**—Makers quote at the following rates per oz.: Base, 1 oz., 27s.; 4 oz., 21s. 3d.; 8 oz., 20s. 9d.; 25 oz., 20s. 3d. Nitrate, 1 oz., 18s. 6d.; 4 oz., 18s.; 25 oz., 17s. 6d.

**SANTONIN.**—Home trade prices are as follows: 10 kilos and over, £62; not less than 5 kilos, £63; 2–4 kilos, £64; 1 kilo, £65; 500 gm., £66; 250 gm., £67; 100 gm., £68; less than 100 gm., £69 per kilo. Carriage paid in United Kingdom.

**TERPINEOL.**—Pure medicinal quality is available at from 3s. 3d. to 4s. per lb. for antiseptics of the chloroxylenol type.

**VANILLIN.**—The agreed prices are unchanged as follows: 5 cwt., 21s. per lb.; 1 cwt., 21s. 3d.; 56 lb., 21s. 6d.; less than 56 lb., 21s. 9d. per lb.

## Crude Drugs

**AGAR.**—Price is fixed at 30s. per lb. under the Control of Agar (No. 1) Order.

**ALOES.**—A recent offer from South Africa was taken up immediately.

**ARECA NUTS.**—Wormy material is quoted or spot at the lower price of 95s. per cwt., ex store.

**BALSAMS.**—Spot quotations for *Peru* are steady at 7s. 9d. per lb., and those for *Canada* at 9s. 9d. to 10s.; *Tolu* and *Copaiba* are unobtainable.

**BELLADONNA.**—Indian leaf is quoted on spot at 5s. 3d. per lb., and Indian root, testing 0·30 per cent. alkaloids, at 330s. per cwt.

**BENZOIN.**—Sumatra, £50 per cwt. paid, with nothing further available at that price.

**CARDAMOMS.**—Aleppy greens, steady on spot at 5s. 6d. per lb.; Aleppy seed, 6s. 6d.; split seed, 5s. 6d.

**CHAULMOOGRA.**—*Hydnocarpus*, spot, 1s. 6d. per lb., in tins in cases.

**CHILLIES.**—Mombasa, quoted on spot at 110s. per cwt.; no other varieties are offered.

**CLOVES.**—Zanzibar, firm on spot at 1s. 4½d. per lb.; no other varieties are available at present.

**COCOA BUTTER.**—Price is controlled at 1s. 5½d. per lb., ex factory or warehouse, except for sales made under Ministry of Food licence.

**COCONUT (DESICCATED).**—Ministry of Food Order controls the price at 49s. per cwt.

**COLOCYNTH.**—Fair white pulp is quoted on spot at 2s. 10½d. to 3s. per lb.

**DIGITALIS LEAVES.**—No changes in either English or Portuguese leaves. Quotations for the former are at 2s. 6d. per lb., and for the latter at 140s. per cwt.

**DRAGON'S BLOOD.**—Dull Zanzibar drop, £ per cwt., nominal.

**ERGOT.**—Good-quality material would probably not be available on spot at under 6s. 6d. per lb.

**GUM ACACIA.**—Kordofan cleaned sorts, firm on spot at 80s. per cwt.; bleached, spot, 18s. Talha, cleaned, 50s. per cwt., landed.

**JABORANDI.**—Spot price is firm at 52s. 6d. per cwt., but stocks are meagre.

**KAMALA.**—Material with 6 per cent. ash must still be had at 2s. 6d. per lb.

**LIQUORICE ROOT.**—Russian root is available for pharmaceutical use at 85s. per cwt.; single peeled Syrian, in small supply, at 110s. per cwt. subject to D.M.S. approval.

**MENTHOL.**—No further licences are apparently being issued for supplies from Brazil.

**MERCURY.**—Official quotations range from £68 10s. to £69 15s. per flask, according to conditions and quality, with higher prices for smaller lots and re-distilled grades.

**MYRRH.**—Spot price of fair-quality *Acacia* sorts is firm at £20 per cwt.

**NUTMEGS.**—West Indian, wormy and broken, spot, 1s. 5d. per lb.; sound unassorted, 1s. 7½d.

**NUX VOMICA.**—Cochin, spot, steady at 42s. 6d. per cwt.; shipment, 35s., c.i.f.; Cocanada seed, shipment, 32s. 6d. per cwt., c.i.f.

**ORANGE PEEL.**—Spot supplies are exhausted.

**PEPPER.**—Maximum prices of whole pepper, not picked over or cleaned, on sale to processors, 1s. 4d. per lb. for white and 1s. per lb. for black, both duty paid.

**PIMENTO.**—Spot sellers at 1s. 4d. per lb.; shipment prices are not quoted.

**QUASSIA.**—Steady on spot at 37s. 6d. to 40s. per cwt., according to quantity.

**QUILLAIA BARK.**—Crushed or cut, spot, 95s. per cwt.; natural, 75s.; shipment, 65s., c.i.f.

**RHUBARB.**—Demand continues good, with prices unchanged at 12s. per lb.

**SARSAPARILLA.**—There are no spot supplies at present.

**SEEDS.**—Prices are maintained at last-quoted levels, with business exceedingly quiet. **CORINDER.**—Indian, 75s. per cwt. **CUMIN.**—Maltese, spot, 105s.; Indian, 100s. **DILL.**—105s., ex wharf. **FENNEL.**—Offered at 85s. **PEPPERCREEK.**—May be had at 80s. **MUSTARD.**—Controlled prices are unchanged.

**SENNA.**—Alexandrian medium pods are at 5s. per lb.; Tinnevely, manufacturing grade, d. to 6½d.; hand-picked, 8½d. to 1s.; broken Alexandrian leaves, 1s. 3d. to 1s. 4d.; siftings, 3s. 2d.; Tinnevely, No. 1, 9d. to 10½d.; No. 2, d. to 7½d.; No. 3, 5½d. to 6d.

**SQUILL.**—Portuguese bulb may be obtained on spot at 75s. per cwt., and Indian at 60s.

**STRAMONIUM LEAVES.**—East Indian leaves are quoted on spot at 80s. to 85s. per cwt.

**STROPHANTHUS SEED.**—Spot quotations for 100 per cent. Kombé seed is steady at 7s. to 5s. 6d. per lb., according to quantity.

**TRAGACANTH.**—Medium grades are quoted as follows: No. 1, white, £130 per cwt.; No. 2, white, £115; No. 3, white, £100; No. 4, white, 85; pale leaf, £60; amber leaf, £50; dark amber, £40; brown leaf, £30; red-and-brown leaf, £25; red leaf, from £20; hoggy, £12 to £15.

**TURMERIC.**—As noted last week (p. 389) spot is dearer at 60s. per cwt. for sound-quality Madras finger.

**VALERIAN ROOT.**—Spot offers of Indian root are at 100s. per cwt.

**WAXES.**—**BEES.**—Supplies may be obtained only through members of the Association of Merchant Distributors of Beeswax. **CARNAUBA.**—Fatty grey, 455s. to 475s. per cwt., ex store, a minimum one-bag lots; shipment, 400s., c.i.f.; Primeira, 530s. to 550s. per cwt., ex store; shipment, 460s., c.i.f.; medium yellow, nominal; shipment, 450s., c.i.f.; chalky grey, nominal; shipment, 380s., c.i.f. (c.i.f. prices include ½ per cent. W.R.I.). **CANDELLILLA.**—Under 1 ton, 220s. per cwt.; 1–5 tons, 217s. 6d.; 5 tons and over, 215s., ex store. **OURICURI.**—Spot, 300s. to 330s. per cwt., as to quality; shipment, 285s., c.i.f.

## Essential and Expressed Oils

**ANISE (STAR).**—There is no change to report in the price and supply positions.

**CASTOR.**—“Firsts” is officially quoted at £92 per ton, and “seconds” at £90, both naked ex works, in bulk quantities.

**CLOVE.**—English-distilled oil is firm at 12s. 6d. to 13s. per lb., according to quantity.

**COCONUT.**—Bulk quantities of refined deodorised are officially priced at £49 per ton, and refined hardened deodorised at £53.

**LINSEED.**—Crude is officially quoted in bulk at £62 per ton, naked ex works.

**NUTMEG.**—English distillers quote at 35s. per lb., with lower rates for quantities.

**RAPESEED.**—Officially quoted at £85 per ton, naked ex works.

## Essential Oils Control

THE following is a schedule of prices to users in original packages for oils imported by the Ministry of Food for distribution under the 1944 programme:—

Basil .. .. .	25s. 8d., plus duty, 2s. 3d.
Bergamot .. .. .	23s. 10½d.
Camphor .. .. .	2s.
Caraway .. .. .	20s. 9½d., plus duty, 1s. 10d.
Cedarwood .. .. .	3s. 8½d., plus duty, 3½d.
Clary sage .. .. .	129s. 1½d., plus duty, 11s. 6d.
Coriander .. .. .	128s. 10d., plus duty, 11s. 6d.
Fennel .. .. .	11s. 6d., plus duty, 1s.
Lemon, cold-pressed, or Sicilian .. .. .	17s. 4½d.
Lemon, distilled .. .. .	11s. 9d.
Lime .. .. .	47s.
Nutmeg .. .. .	22s. 8d., plus duty, 2s.
Orange, bitter .. .. .	18s. 6½d., plus duty, 1s. 7½d.
Peppermint .. .. .	37s.
Tangerine .. .. .	33s.
Vetivert .. .. .	38s. 4d., plus duty, 3s. 5d.
Wormseed .. .. .	15s. 3½d.
Ylang-ylang .. .. .	15s. 6½d., plus duty, 1s. 4d.

Purchase tax applies to wormseed oil only and the amount of such tax will form an addition to the price to the user. The price on the sale to a user will be increased in the case of all oils shown above by the authorised charges for breaking bulk where incurred at the rates laid down in Circular No. 9. Prices for pineneedle oil as originally published are no longer operative.

Circular No. 13, dated October 7, 1944, issued by Whinney, Smith & Whinney, 4B Frederick's Place, Old Jewry, London, E.C.3, deals with reallocation of rejected stock, licences granted on f.o.b. basis, clause 21 of the scheme for the importation and distribution of essential oils, labels, and breaking bulk charges.



## CORRESPONDENCE

Correspondents may adopt an assumed name, but must in all cases furnish their real name and address to the Editor

### William Forster Testimonial

SIR,—May I thank all those who have supported the testimonial to Mr. William Forster, and who have thus shown their appreciation of a lifetime devoted to pharmacy. It is proposed to close the fund on October 31, and any further contributions, which should be forwarded to me, will be gratefully acknowledged.

Yours faithfully,

WM. LOW.

Blackhill, co. Durham.

### Pharmacists and the Association of Scientific Workers

SIR,—Your correspondents, Messrs. J. Carey and A. M. Jack (*C. & D.*, September 30, p. 364) have raised certain points of interest concerning the above Association, to which I should like to reply. The Association is well aware of the special problems which confront public pharmacists, as distinct from those arising in other branches of the profession. These problems have much in common with those of scientific workers in other fields of medical science, and it is our belief that public pharmacists would derive much benefit from the interchange of experience and ideas with such workers rendered possible by membership of the A.Sc.W. The Association, moreover, is concerned with raising the status of the pharmacist irrespective of his field of work, and in our opinion it is the absence of an all-embracing organisation in the past which has largely contributed to the failure to deal adequately with the problems of pharmaceutical employees. The status of the public pharmacist depends upon the recognition his profession receives in society and is related, therefore, to the status of his retail colleague. For this reason, the Association hopes to speak for pharmaceutical employees as a whole, whilst at the same time providing the necessary democratic machinery for ventilation of those special problems which are peculiar to public pharmacists. The second point raised by your correspondents concerns the qualification necessary for membership of the A.Sc.W. The Association is concerned only with the organisation of qualified pharmacists, to whom full membership is accorded. Whilst it has been necessary

in other branches of science for the Association to grant associate membership to unqualified workers who are employed under the direction of a person eligible for full membership, this has not been considered necessary in the case of unqualified assistants in pharmacy, for whom appropriate trade unions already exist. Finally, I hasten to agree with the assertion that the Guild of Public Pharmacists has done much in the past to advance the interests of its members.

Yours faithfully,

REINET FREMLIN,

London, W.C.1.

General secretary.

### A Warning

SIR,—It is our duty to bring to the notice of chemists and druggists throughout the country information that has come to our knowledge that perfume is being offered to the public in 2-dr. bottles purporting to have been packed by M. Clements (Chemists Sundries), Ltd., 57-58 Wells Street, W.1 under Board of Trade Licence 150-51. Labels to this effect are affixed to one side of the bottles, and on the other side appears a printed label bearing the words "Charmeux No. 5, Paris." We wish to notify the trade that we have never packed perfume in 2-dr. bottles, and that the labels bearing our name are an imitation of labels used by us in connexion with the packing of a quantity of French perfume in 1943; no representative of this company has had any perfume to offer for the past ten months. Should any representation be made to the contrary, the police should be notified immediately, and information sent to us.

Yours faithfully,

M. CLEMENTS (CHEMISTS SUNDRIES), LTD.

London, W.1. L. CLEMENTS.

### Eire Council Election

SIR,—We beg to avail ourselves of your space to express, briefly, our thanks to the members of the Pharmaceutical Society of Ireland who voted for us in the recent Council election. We hope to fulfil our duties on the Council in a manner worthy of the confidence placed in us.

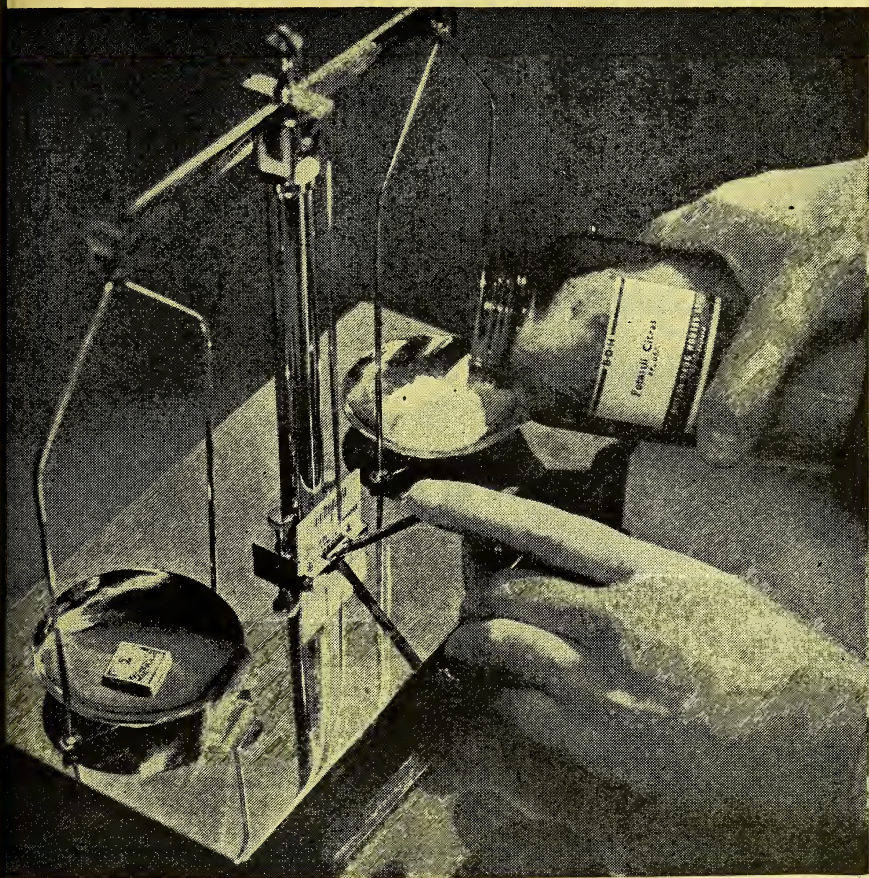
Yours faithfully,

F. X. MEAGHER.

PETER J. FULLAM.

P. F. McGRATH.

GERALD C. O'NEILL.



## IN THIS SIXTH YEAR OF WAR

### *Unvaried purity and accuracy*

Pharmacists have always been able to place complete confidence in drugs and chemicals which bear the B.D.H. label. To-day, after more than four years of war, B.D.H. standards of quality and purity remain unchanged.

B.D.H. drugs and chemicals are

still prepared with the same scrupulous care, and every ingredient is subjected to exacting tests before use.

In spite of wartime difficulties, B.D.H. products will continue to maintain their reputation for reliability.

## **B.D.H.**

**THE BRITISH DRUG HOUSES LTD., LONDON N.1**



# EVANS, GADD & CO. LTD.

Wholesale Druggists  
Galenical Manufacturers  
Druggists' Sundriesmen

## EXETER

TELEPHONE  
EXETER 2278  
(3 Lines)

TELEGRAMS  
GADD, EXETER

UNG. ALCOHOLIUM  
LANAE B.P. VI. ADD.

UNG. AQUOSUM  
B.P. VI. ADD.

UNG. ZINCI OXIDI  
B.P. VI. ADD.

UNG. SULPHURIS  
B.P. VI. ADD.

Bulk  
Only.

*Discofanae*

Brand

Blackwell, Hayes & Co., Ltd.

Manufacturing Chemists

54/58 Moor Street, Birmingham, 4

Makers of

*Discoint*

Ointments

May we quote you for—  
**GLAUBER SALTS** B.P.

Pea Crystal and Feathery

**EPSOM SALTS** B.P.

Needle Crystals, Medium, Exsiccated

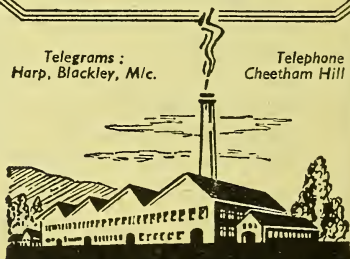
All grades conform to the 1932 B.P. Standard  
Special Crystals matched and any degree of exsiccation  
to order. Packed for Home and Export.

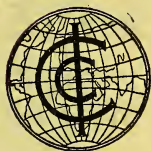
**HARRIS, HART & Co. Ltd.**

MOSS HOUSE CHEMICAL WORKS, BLACKLEY,  
MANCHESTER 9.

Telegrams :  
Harp, Blackley, M/c.

Telephone :  
Cheetham Hill 285





## A NEW CHAPTER

Someday—we hope soon—it will be written:  
The story of our post-war developments.

Meanwhile the International Chemical Company Limited, entrusted with priority Government contracts, is directing its resources and experience to the war effort and at the same time maintaining adequate supplies of 'Bisurated' Magnesia, 'Limestone' Phosphate and 'Freezone' Corn Remover (Distribution of 'Pineate' Honey Cough-Syrup is, however, still restricted.) Demand for these popular products is as great as ever.

We take this opportunity of expressing our appreciation of the spirit of co-operation which our friends extend to us in the solution of war-time difficulties.

**INTERNATIONAL CHEMICAL CO., LTD.**  
**BRAYDON ROAD · LONDON · N · 16**



Manufacturers of **TANNIC ACID** (Bulk Supplies Only)  
**ALL QUALITIES**

**THE BRITISH DYEWOOD COMPANY LTD.**  
**19 St. VINCENT PLACE, GLASGOW, C.1**

Telephone : CENTRAL 4425

Telegrams : DYEWOOD

WE SPECIALIZE IN  
THE MANUFACTURE OF  
**GALLIC ACID-PYROGALLIC ACID**

PURE & TECHNICAL

RESUBLIMED, PURE CRYSTAL & TECHNICAL

WHOLESALE & EXPORT ONLY. Enquiries invited

**J. L. ROSE, LIMITED, ABBEY ROAD, BARKING, ESSEX**

TELEPHONE: RIPPLEWAY 2763

TELEGRAMS: "GALLIC, BARKING."



REGD. TRADE MARK

**SULPHANILAMIDE**  
**EPHEDRINE HYDROCHLORIDE**  
**ANTIMONY POTASSIUM TARTRATE**

B.P. QUALITIES

Made by  
**THE GEIGY PHARMACEUTICAL Co. Ltd.**  
National Buildings, Parsonage,  
**MANCHESTER, 3.**

**GRAESSER SALICYLATES**  
**LIMITED**  
Manufacturers of Fine Chemicals  
**SANDYCROFT**  
CHESTER, ENGLAND

**SODIUM SALICYLATE**  
**B.P.**

*Subject to war limitations our  
services are available and  
at the disposal of consumers.*

**BARBITONE**  
AND  
**BARBITONE**  
**SOLUBLE**

**FINEST QUALITY**

Actually manufactured at our own  
works at Barnet

**PIERSON, MORRELL & Co. Ltd.**

THE ORIGINAL BRITISH ASPIRIN MAKERS

**BARNET, Herts.**

Telegrams: Pierson Morrell Barner  
Telephone: BARNET 0723

***They  
can't  
miss  
it!***

Knowledge of the great nutritive value of cod liver oil is spreading rapidly. Already more people are taking cod liver oil regularly than ever before, and the demand increases month by month — proof positive of the wide influence of SevenSeaS advertising.

This winter new, humanly-presented advertising will appear in national dailies, local papers and all the most widely read women's magazines, religious, medical and educational journals. Your customers simply can't miss its message. A still wider public will realise that this highly concentrated food, which is considered so important for under-fives, also helps over-fives and adolescents to develop healthy bodies capable of resisting infection. More adults will discover what a fine antidote it is to fatigue and the common cold.

Display SevenSeaS in your window and on your counter. The more you remind your customers that you stock this well-advertised product, the bigger your share of the rapidly rising sales.

There's no hold-up on supplies of bottled oil and orders can be despatched without delay. Government priorities restrict the manufacture of capsules, but available supplies are distributed as fairly as possible through wholesalers.

*Issued by*

**BRITISH COD LIVER OIL PRODUCERS  
(HULL) LTD.**

**ST. ANDREW'S DOCK, HULL**

*Makers of*

***SevenSeaS***



# Gale for Galenicals

**GALE, BAISS & CO., LTD.**  
LONDON, S.E.15. New Cross 0094

RELY UPON

**"Graesser"**  
QUALITY  
ALWAYS  
PHENOL  
ORTHO CRESOL  
CRESYLIC ACIDS  
META-PARA CRESOLS  
XYLENOL MIXTURES

All prepared and standard-  
ised under direct personal  
control.

**R. GRAESSER LTD.**  
The Chemical Works, Sandycroft, nr. Chester

## BURNSIDE'S EUCALYPTUS OILS

Distilled in Australia by the largest distillers and refiners of Eucalyptus Oils  
in the world—W. K. BURNSIDE, PTY., LTD., MELBOURNE, AUSTRALIA.

80/85% B.P.  
Oil Euc. Dives 40/45%  
Oil Euc. Citriodora

70/75% B.P.  
Piperitone 90/95%  
Oil Euc. Phellandra

..... Phellandrene .....

UNIFORMITY OF QUALITY . CONSISTENCY OF ODOUR

Agents for U.K.: **WILSON & MANSFIELD LTD.**, 15 Philpot Lane, London, E.C.3

'Phone: MANSION HOUSE 9264-5-6

(WHOLESALE ONLY)

'Grams: WYFIELD, LONDON

## Tablets and Pills Packed or Bulk

**ASPIRIN  
CASCARA**

and all

**TABLETS and PILLS**

Private formulae Pills and  
Tablets carefully and ac-  
curately prepared at lowest  
possible prices.

Latest Automatic Pill Plant.  
WE SHALL WELCOME EN-  
QUIRIES AFTER THE WAR.

**CASTLE HUSKISSON LTD.**

MANUFACTURING CHEMISTS  
SWINTON WORKS, MOON ST., ISLINGTON  
LONDON, N.1

Telephone: Canonbury 3466

ESTABLISHED 1768

# "National" Service



WHITE FLINT GLASS CONTAINERS  
OF EXCELLENT QUALITY BACKED UP  
BY FIRST CLASS SERVICE

WHOLESALE ONLY

*Restrictions outside our control, may not allow us to meet every requirement*

## NATIONAL GLASS WORKS (YORK) LTD.

WORKS: FISHERGATE, YORK LONDON OFFICE: 105 HATTON GARDEN, E.C.1

Telephone: York 3021

Telephone: Holborn 2146

## LABELS OF DISTINCTION

FOR WHOLESALE MANUFACTURING  
& RETAIL CHEMISTS

Medical and Dispensing Labels,  
Toilet, Cosmetic and Perfume,  
largest range of stock labels  
(attractive two-colour 50-60 word-  
ings), Shampoo Powder Envelopes  
and Inners, also Saccharine Tablet  
Envelopes (new wording), with  
name and address.

NEW REGULATIONS—Send  
6d. for complete sample range.

## CARILLON PRESS LTD

Artists in the Production of Fine Labels  
BOURNEMOUTH

### REMEMBER ! EMULSIFIER "D"

Available again to the trade but today under  
reference Emulsifier LL/VX.

VX has an abundance of uses and gives that  
special gloss so much desired in white creams  
made from water and oil with the addition of  
waxes, if desired.

VX is also economical in price and as far as  
results are concerned is considered superior to  
most of the waxes available today.

Sample lbs., 8/6 per lb. 7-lb. lots, 7/6 per lb.

Through your usual wholesaler or direct.

### FORMULA SERVICE

Our service in this respect would prove of  
valuable assistance to manufacturers. Formulas  
available for the manufacture of all types of:  
Setting Lotion, Hair Cream, Handkerchief  
Perfume, Hair Colour Rinse, Bath Crystals,  
Bath Powder, Soapless Shampoo, Lipsalve,  
Rouge Powder, Rouge Cream, Rouge Com-  
pact, Talcum Powder, Face Powder, Liquid  
Stocking, Leg Tan, Brilliantine, Wave Set,  
etc., etc. Formula lists ... 3d.

### GENERAL LISTS

Including Gum Tragacanth, Oils, Emulsifying  
Waxes and Raw Materials, Perfumes and  
Colours, Towels, Sanitary Towels, Face  
Powder Puffs, Liquid Shampoo, Soft Soap,  
Razor Straps, etc., etc. ... 1d.

Embossed Labels and Container Lists.  
Including samples of Labels, particulars of Fancy  
Boxes, Face and Talcum Powder Boxes, Slip-on-lid  
Tins, all sizes, Lipstick Tubes, Caps and Corks for  
Bottles Bottle and Jar supplies ... 3d.

LENNARD, LEE-NARVILL & CO., LTD.  
Anlaby Road, HULL



# HEWARDS

## Abdominal Belts



ORDER THROUGH  
YOUR  
WHOLESALE

Particulars of the Belt illustrated here or of any others from the extensive and comprehensive range of appliances made by Heward's will be gladly forwarded on receipt of a postcard.

**The R. H. Heward Co.**

CROWN ROAD WORKS  
TWICKENHAM

'Phone:  
POPESGROVE 2243 4

'Grams:  
BELTRUSS, TWICKENHAM

M.C.

Three profitable lines...

**Licoricine**  
BRAND  
ACTS LIKE MAGIC

FOR COUGHS AND COLDS  
**PATA FENOLIN FLUID PATA**  
and  
**ELDON VAPORISERS**  
FOR WHOOPING COUGH

**HALL FORSTER & CO. LTD.**  
NEWCASTLE-ON-TYNE

"PORTEX"  
MEDICATED

# PLASTIC SKIN

*Heals as it Seals!*

From your Wholesaler

Manfrs: PORTLAND PLASTICS LTD.  
214 GREAT PORTLAND STREET, LONDON, W.1

The  
Finest  
Remedy  
for

**CORNS**

is **HOBSON'S CHOICE**  
Plaisters and Powders  
Hobson, Trimble & Co. Ltd.,  
LEEDS 2



**Senna**

FROM OUR  
OWN GROWERS

John Ronaldson & Co. Ltd.,  
15 Seething Lane, London, E.C.3

Alexandrian & Tinnevely  
Pods, Leaves, Siftings

Telephone:  
Royal 6860

**FRANCO-BRITISH ELECTRICAL CO. LTD.**  
*For Ampoules & Vials.*

FIRTH STREET GLASSWORKS  
LEEDS 9



**TO PHARMACISTS OF THE NORTH WE OFFER**

PROMPT SERVICE: KEEN PRICES: SOUND QUALITY, AND FREQUENT  
MOTOR VAN DELIVERIES IN THE TYNE, WEAR AND TEES AREAS

For fuller particulars consult page 66

THE CHEMIST & DRUGGIST DIARY AND YEAR-BOOK, 1936

**BRADY & MARTIN, LTD.,** Northumberland Rd., NEWCASTLE-ON-TYNE





# 3 in one!

This machine, besides sifting and mixing powders to perfection, incorporates an automatic sprayer for either replacing lost moisture, adding flavour or perfume, or securing uniform tinting. It does its job efficiently, rapidly and economically.

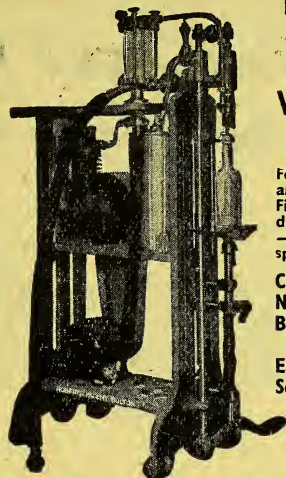
## GARDNER'S Patent 'RAPID'

### FTER, MIXER & ESSENCE SPRAYER

WM. GARDNER & SONS (GLOUCESTER) LTD.,  
GLOUCESTER

Telephone: 2288 (3 lines).

LONDON: 19 Grays Inn Chambers, 20 High Holborn, W.C.1.  
Telephone: Chancery 7347.



## ROBERTS' PATENT "LEO" VACUUM FILLER

For Glass, Stone, and Tin Bottles. Fills all sizes from drachm to quart —long, short or sprinkler neck.

Clean & Rapid  
No Over Filling  
Broken Bottles  
Rejected  
Easy to Clean  
Self Rinsing

Write for  
Particulars

Roberts' Patent Filling Machine Co. Ltd.  
BOLTON, LANCASHIRE

Makers of every description of Bottle Filling and Shallow Jar and Tin Filling Machine for the Chemists' use

ALL RIGHTS RESERVED

English  
Filter

# POSTLIP

Papers

SQUARES  
CIRCLES  
FOLDED  
ROLLS

WHITE  
GRAY  
PLAIN  
ANTIQUE  
EMBOSSED  
CRINKLED

SAMPLES  
FREE



Postlip Filterings are stocked by all the leading Wholesale Laboratory Dealers

## Evans, Adlard & Co Ltd

Postlip Mills, Winchcombe, Cheltenham

THE

# "MATER"

CLINICAL REGD.  
The position of the Mercury column is at once perfectly plain. Red markings above 60.4.

## ALL TYPES OF CLINICAL AND OTHER THERMOMETERS

## PERKEN, SON & CO. LTD.

(ESTABLISHED 1852)

Quotations on Application:

8 HATTON GARDEN,  
LONDON, E.C.1

Telephone: 0724 Holborn  
Telegrams: "Optimus. Smith, London"





# Perfumery Raw Materials for Soap and Cosmetic Manufacturers

## CARVANSONS LTD.

**Monton Lane Works, Eccles, Lanes.**  
Phone : Eccles 2316.      Grams : Carvansons, Manchester

### "CYCLOCHEM"

#### SELF-EMULSIFYING WAXES

*for all kinds of Pharmaceutical and  
Toilet Preparations*

**SPECIAL EMULSIFIER FOR  
BRILLIANT WHITE HAIR  
CREAM PREPARATIONS**

**WHITE BLEACHED BEESWAX  
SUBSTITUTE**

**CETYL ALCOHOL SUBSTITUTE**

**SYNTHETIC WAXES  
& WAX COMPOUNDS**

**WAXLESS POLISH BASE**

**CYCLO CHEMICALS LIMITED**  
Manfield House, Strand, London, W.C.2

Works: Kings Cross, W.C.1  
Telephone: TEMple Bar 3855, 8619 and 1888

#### EIRE AND ALL IRELAND AGENCIES

Preparing for post-war trade,  
we are in a position to handle  
sound lines. Established 1929  
Bankers reference.

**LYONS & LYONS**  
Corporation Market - Dublin

#### MEHTA BROTHERS LAWRENCE ROAD AMRITSAR, INDIA

We manufacture Extracts of :  
BELLADONNA ROOTS,  
LEAVES, GLYCYRRHIZÆ,  
EPHEDRA, ETC., and invite  
enquiries.

*It's no gamble to stock*

# TOWN TALK

the Sitter Polish which ensures regular and discriminating customers, to whom your other wares will also appeal.

## ORDER DIRECT OR FROM

<b>MANCHESTER:</b> D Mawdsley & Co James Woolley Sons & Co., Ltd	<b>NEWCASTLE-ON-TYNE:</b> Wilkinson & Simpson, Ltd. <b>LONDON:</b> Brooks & Warburton, Ltd. May, Roberts & Co., Ltd. Butler & Crispie
<b>LEEDS:</b> Goodalls (Leeds), Ltd.	<b>LIVERPOOL:</b> Ayrton, Saunders & Co., Ltd.
<b>LEICESTER:</b> E. H. Butler & Son.	

THE TOWN TALK POLISH CO., MANCHESTER. 10

## SEED DRESSINGS - SEASON 1944

We offer

Genuine SULPHATE OF COPPER  
and

CARBOLISED SEED DRESSING

Bulk or 1-lb. cartons. Own name.

Also Chemists' Formulae—bulk or packed  
in 1-lb. cartons. Own name.LOSALL'S "TENT-ALL"  
Liquid Seed DressingAn up-to-date dressing for wheat, barley,  
rye, oats, peas, beans, etc., in—

Quart tins	Retail price 1/9 each	.. 14/- doz.
1-gall. tins	" " 5/-	" .. 40/- "
5-gall. tins	" " 20/-	" .. 160/- "

LOFTHOUSE & SALTMER  
LTD.  
Manufacturing Chemists - - HULL

STEADY SALES GOOD PROFITS

# KIN

SOLID *fuel*



RETAIL PRICE  
**1/6**  
PER BOX OF 12  
LARGE TABLETS

QUICKLY KINDLES A FIRE, HEATS ANY  
BEVERAGE, STARTS A PRIMUS STOVE,  
Etc. Etc., INVALUABLE IN EVERY HOME

Write to:

EMERGENCY PRODUCTS LTD.,

"Avon House," 356-366, Oxford Street,  
London, W.1.

## THE LADIES LOVE THIS !

*No more moths keep your fur and  
clothes free from ravages by using the  
sweet smelling MOTH PREVENTER*



**PETAL DUST**

*Natural Flower Perfume*

For use against the ravages of  
moths when storing furs, clothes,  
linen, silk, etc., in trunks,  
wardrobes and cupboards.

Marshall's, Tower Bridge, London, S.E.1.

*The SWEET SMELLING  
MOTH PREVENTER..*

Every woman who enters your shop is a likely customer  
for Petal Dust—the sweet-scented **MOTH-PRE-  
VENTER**. Keeps moths out of wardrobes, drawers  
and cupboards; safeguards linen, furs,  
woollens and garments from damage.  
Impregnates with a delightful flowery  
perfume which is purifying and anti-  
septic. In handy sachets. Trade terms  
on application.IT'S A  
MARSHALL'S  
LINE!**PETAL DUST**  
*Perfumed Moth Preventer*

MARSHALL'S • TOWER BRIDGE • S.E.1



# A FIRST-CLASS SELLING LINE..



**ORIGINAL PACK**

**STRONG DEMAND  
SHORT SUPPLY**  
Supplies are being shared out as evenly as possible.

**NEW PACK**  
No Bottle Charge  
No Returned Empties.

**NON-ALCOHOLIC**  
Suitable for children and adults.

**5/- large bottle & 3/- small bottle**

**WAR-TIME PACK**

## VIRONITA

VYRO-NIGHT-A  
M. CALTHORPE & CO., LTD., Mfg. Chemists, OSSETT

ARE YOU  
QUALIFYING  
FOR THIS  
BONUS ?



Steiner's Eau Dentifrice  
sells at 3/-, 5/6, 10/6

TYPICAL BONUS PARCEL	Selling Price
PARCEL No. 3. Cost Price (Inc. Pur. Tax)	
3 doz. (No. 0 size)	3 0 0    5 8 0
1 doz. (No. 1 size)	1 16 0    3 6 0
½ doz. (No. 2 size)	1 14 6    3 3 0
1 doz. (No. 0 size) Bonus no charge	1 16 0

Purchase Tax	6 10 6	
	2 8 3	
	£8 18 0	£13 13 0

**STEINER'S  
EAU DENTIFRICE**

Write for details of other parcels to :—  
DOBSON & STEINER LTD., 8 Grosvenor St., W.

## OVERALLS

Chemists and Druggists requiring new overalls should send 1d. for list showing styles at latest low coupon rate.

**ERNEST DRAPER & CO., Dept. T.,**  
"All British" Works, Northampton.

## GUMS TRAGACANTH AND ACACIA

As Imported or Finely Powdered  
**ALL GRADES**

**FREDK. FINK & CO., 1 Fenchurch Street, London, E.C.**  
Telephone: Mansion House 8119

**COCOANUT OIL SOFT SOAP  
SEED OIL SOFT SOAP  
LIQUID SHAMPOOS  
LIQUID TOILET SOAP BASES**

**W. M. DELF & CO.**

SOAP AND DISINFECTANT MANUFACTURERS  
**DELCO WORKS, RICE LANE, LIVERPOOL, 9**

Telegrams: Glycerine, Liverpool  
Telephone: Aintree 1752 (2 lines)



*"I've got an ingrowing toe-nail  
and it's so painful."*

*What's the best thing to do?"*

*The first step.* When a customer complains of an ingrowing toe-nail, the right thing to advise for immediate treatment is Scholl's Onixol. Applied according to directions, this preparation will reduce inflammation and relieve the painful pressure of the nail on the tender nail groove.

*For lasting correction.* But local treatment will not eradicate the ailment while the cause of it remains undiscovered. Possibly the nail has been broken or badly cut. Possibly the sufferer has been wearing narrow-toed shoes, or short, pointed stockings. Only examination of the feet by an expert can decide. Tell your customer this, and advise proper attention. Thus, instead of just selling isolated preparations, you will be giving real Foot Comfort Service. If customers sometimes present problems that puzzle you, write and we will be only too pleased to help you.





## WHEN WOULD YOU RECOMMEND M.O.F. ?

When you are asked for a fortified Infant Cereal Food—you can supply this demand if you have M.O.F. on your shelves.

### MINERAL AND VITAMIN CONTENT OF M.O.F.

Calcium	-	-	-	-	-	300 mg. per oz.
Phosphorus	-	-	-	-	-	150 " " "
Iron	-	-	-	-	-	5 " " "
Vitamin B <sub>1</sub> (aneurin hydrochloride)	-	-	-	-	-	0.079 " " "
Vitamin D	-	-	-	-	-	600 I. U. " "

Compare this with any other Infant Cereal Food.

### THE USES OF M.O.F.

**GENERAL USE:** This finely sieved Infant Cereal is recommended for general use in infant dietary from 5 months onwards, either added to a simple milk mixture or later as the staple part of a mixed diet. M.O.F. may be prepared with fresh milk or dried milk, and contributes significantly to the daily intake of the vitamins and minerals specified above.

**EARLY WEANING:** When weaning has to take

place at an early age, M.O.F. may be given from 3 months. By increasing the calorie content of a simple milk mixture, M.O.F. is particularly beneficial to the underweight infant at this stage.

### SUPPLEMENT TO BREAST

**MILK:** At the time when breast milk starts to diminish it may be supplemented with feeds of M.O.F. mixture. In this way partial breast feeding may often be maintained for a further period, to the benefit of both mother and child.



*Supplies for Infant Feeding can be maintained.*

*The Retail Price of M.O.F. is 1/9 per lb. tin.*

M.O.F. IS PREPARED BY A. & R. SCOTT LIMITED  
WEST MILLS, COLINTON, MIDLOTHIAN, SCOTLAND

# The CHEMIST AND DRUGGIST SUPPLEMENT

This Supplement is inserted in every copy of The Chemist & Druggist

OCTOBER 14  
1944

28, ESSEX STREET, LONDON, W.C.2

Supplement Advertisements must be prepaid and should reach us not later than **FIRST POST WEDNESDAY** of week of issue. Box Office numbers 1/- extra. Late advertisements will be held over to following week.

## STOCKTAKING VALUATIONS BUSINESSES For Sale and Required

**ERNEST J. GEORGE & Co.**

329 High Holborn,  
London, W.C.1.  
Hol. 7406/7.

35 Bridge Street,  
Walsall, Nr. Birmingham  
Walsall 5948

## OPTICAL TUITION

FOR THE  
S.M.C., B.O.A. and N.A.O. DIPLOMA Examinations  
Particulars:—

**C. A. SCURR,** F.S.M.C., F.B.O.A., F.N.A.O.,  
F.I.O., F.C.O., M.P.S.  
50 HIGH STREET, BARNET, LONDON, N.

Plus 1/6th Tax.

Harman's Petroleum Jelly, B.P. White, 2-oz. Jars, 66/- per gross, 1-oz. Jars, 48/- per gross. Yellow, 2-oz. Jars, 60/- per gross; 1-oz. Jars, 42/- per gross.  
Harman's Zinc and Castor Oil Healing Cream, 1-oz. Jars, 54/- per gross; 2-oz. Jars, 84/- per gross.  
Harman's Wintergreen Ointment, 1-oz. Jars, 48/- per gross; 2-oz. Jars, 72/- per gross.  
Harman's Fuller's Earth Antiseptic Healing Cream, 1-oz. Jars, 54/- per gross; 2-oz. Jars, 84/- per gross.  
McWade's Antigermin. Priced 1/3. Per gross tins, 54/-.  
McWade's Vapour Rub. Per gross tins, 54/-.  
McWade's Peroxide Toothpaste. Priced 1/6 tube; per gross, 42/-, plus 14/- tax.  
**HARMAN DIETETIC LABORATORIES Ltd.,** 109 Cricklewood Broadway, N.W.2.

## SITUATIONS OPEN

7/6 for 40 words or less, 2d. for every additional word.

### Employment of Women (Control of Engagements Order 1942)

With certain exceptions, women over 18 and under 41 years of age seeking Employment and Employers seeking to engage such women are now required to do so only through the local office of the Ministry of Labour and National Service or an approved employment agency.

### RETAIL (HOME)

A LARGE Yorkshire Departmental Store has a vacancy for a fully qualified Chemist for their Patent Medicines Department. No dispensing, but a large and busy trade. No evening or week-end duties. Send full particulars and salary required to 82/851, C. & D. London Office.

**ASSISTANT** (Unqualified) with all-round experience required at once for brisk Counter, Dispensing, etc. No Sunday duty, half-day Wednesday. Good salary for capable applicant. Apply with full particulars, age, salary, experience, etc. Harold Miller, Ltd., 98 High Street, Cheltenham.

**ASSISTANT Pharmacist** in busy dispensing business, exempt, apply with full particulars, age, experience, wages expected, etc. Davis, Sisleys, Ashleworth, Gloucester.

**BAKEWELL, Derbyshire.** Qualified Branch Manager or Manageress required for good-class, easily worked Pharmacy. Adequate staff. Permanency. 852/856, C. & D. London Office.

**BOGNOR.** Manager wanted for busy high-class Pharmacy. No half-day or Sunday duties. Comfortable hours. Apply 581/800, C. & D. London Office.

**BUXTON.** Manager or Manageress required for Drug Store (due to call-up). Comfortable post. Health resort. 852/854, C. & D. London Office.

**LONDON CO-OPERATIVE CHEMISTS, LTD.,** require qualified Pharmacists for progressive positions. Particulars, which will be treated with confidence, should state in the first instance full details as to experience, etc., and be addressed to: Chief Pharmacist, 54 Maryland Street, Stratford, London, E.15.

**LEEDS.** Qualified Manager required early November for Branch. Permanency. Usual particulars in first letter. 582/838, C. & D. London Office.

**LEEDS.** Assistant Chemist required for Central Pharmacy. Male or female. Not liable to transfer or call-up. Good wages and working conditions. Apply Secretary, Leeds (Industrial Co-operative Society, Ltd.), 10 Albion Street, Leeds. Endorsed "Pharmacy."

**MANAGER** required for good-class busy West End Pharmacy. West End experience and up-to-date ideas necessary. Apply 581/801, C. & D. London Office.

**MANCHESTER.** Qualified Manager or Manageress required for suburban family business. Living accommodation in about a month's time. 852/855, C. & D. London Office.

**OLDHAM CO-OPERATIVE CHEMISTS, LTD.,** King Street, Oldham, invite applications from Qualified Pharmacists for employment as Branch Manager.

**ORRIDGE & CO.,** Employment Agency, Columbia House, Aldwych, W.C.2, invite inquiries from Pharmacists and Unqualified Persons requiring Situations, except women between the ages of 18 and 41. Progressive vacancies available. Excellent opportunities exist for Unqualified Assistants.

**PHARMACISTS** (qualified) required for Chain Stores in each of the following: Oxford Street (London), Erdington, Birmingham, Manchester, Barnsley, Chester, Seunthorpe, Blackpool. Applicants must have been born prior to 1892 other than in the case of married women with a child under 14 years living with them. Adequate salary and reasonable hours. Apply, giving age, qualifications and full particulars of experience to Personnel Manager, Ref. S.H., Littlewoods Mail Order Stores, Ltd., Waterloo Buildings, Cases Street, Liverpool, 1.



**PHARMACIST** required for Country Business while owner in Forces. Easy hours and light duties with assistance. Position could be adjusted to suit elderly person. Good salary offered. Kindly give full particulars. Aston, Lydbrook, Glos.

**QUALIFIED Assistant** required for high-class Dispensing business. Apply Lane, 100 Western Road, Hove, Sussex.

**QUALIFIED Manager** wanted for London suburban Pharmacy. 581/811, C. & D. London Office.

**QUALIFIED Assistant** required shortly for Dispensing in Devon, easy hours. Apply giving experience, age and salary required. Williams, 42 Trafalgar Road, Wigan, Lancs.

**QUALIFIED Manager** wanted. No Sunday duty. One Dispenser and two Assistants kept. Please send full particulars and salary required to J. Benton, c/o D. S. Benton, 78 High Street, Ramsey, Huntingdonshire.

**ROYAL ARSENAL CO-OPERATIVE CHEMISTS LTD.** invite applications from qualified Pharmacists for the position of Manager. Good post-war prospects. Also unqualified male or female Assistant. Apply in writing, stating age, experience, salary required and position under the National Service Act or Registration for Employment Order, to the Superintendent Chemist, Royal Arsenal Co-operative Chemists, Ltd., 113 Powis Street, Woolwich, S.E.18.

**UNQUALIFIED Assistant** wanted for Drug and Surgical Stores; no dispensing. Permanency. State full particulars, wages, etc. 82 Upper Parliament Street, Nottingham.

**UNQUALIFIED Assistant** required for good-class Suburban business. No half-day or Sunday duties. Dispensing and Counter. Apply with usual particulars to Arthur Gray, Ltd., 5 High Street, Barnes, London, S.W.13.

## WHOLESALE

**A COMPANY** of Liqueur Manufacturers in London require the services of expert liqueur compounder, full or part-time. Would also consider employing consultant if free several times per week. Excellent prospects for the right person. Write giving full details, which will be treated confidentially. Box 414, Sells, Ltd., Brettenham House, Strand, W.C.2.

**ADVERTISING Executive** required by large pharmaceutical organisation in the London area, to act as Production Manager of Art Department. Must be experienced lay-out man with thorough knowledge of mechanical reproduction processes. Preference will be given to applicant with good education in the Arts and with previous experience in pharmaceutical advertising. Write to 582/841, C. & D. London Office.

**AN** old-established Firm of Agricultural and Horticultural Chemists have Vacancies for Travellers calling on Chemists, Seedsmen and Ironmongers in the following territories: Nottinghamshire, Derbyshire, Leicestershire, Northamptonshire, Bedfordshire, Huntingdonshire, Rutland, Norfolk, Suffolk, Essex, Cambridgeshire, Oxfordshire, Buckinghamshire, Berkshire, Hertfordshire, Kent, Sussex, Surrey, and South Wales. State age and full particulars as to past experience and present agencies. On commission basis. 580/798, C. & D. London Office.

**ANALYTICAL Chemist** required by London Manufacturing Chemists, working under Essential Works Order. Practical works experience of general routine analysis and alkaloidal assays of drugs, including opium, essential. Reply, giving particulars of experience, salary, etc., to 578/706, C. & D. London Office.

**CHEMIST** wanted, take charge production small works, East London, making detergents, disinfectants, polishes, etc. State age, experience, salary. 582/843, C. & D. London Office.

**COSTING Clerk (female)** required by Manufacturing Chemists. Previous experience preferable but not essential. Reply, stating full details, to Matthews & Wilson, Ltd., 6 and 8 Cole Street, London, S.E.1.

**EXPERIENCED Foreman** wanted to take charge of Warehouses of Manufacturing Chemists and Chemical Merchants, used to handling men. Experience of chemicals would be an advantage. Good salary to the right man. Application to CDB/331, C. & D. London Office.

**FIRST-CLASS Representatives** with good connections amongst Chemists, Stores, etc., required to carry Proprietary lines. Send fullest particulars in confidence, stating area covered, etc. Commission basis. Our Representatives have been informed about this advertisement. 581/829, C. & D. London Office.

**JOHN KNOX (STOKE-ON-TRENT), LTD.** A vacancy occurs for a representative in Manchester and district and the West Riding. Established connexion with chemists and knowledge of the trade essential. Apply by letter to Cannon Street, Hanley, Stoke-on-Trent.

**JOHN KNOX (MIDLAND), LTD.,** have vacancy for Representative for Birmingham district. Applicant must have some pharmaceutical experience—wholesale or retail—and be resident in Birmingham. Preference given to qualified man. Write 36/38, Dean Street, Birmingham, 5.

**MANUFACTURING Chemist** wanted. Canadian Manufacturer of Pharmaceuticals and Medicines invites correspondence from qualified Chemist interested in locating in Canada after the war. Position is permanent and calls for a practical worker, experienced in large-scale production. State full particulars, age, salary expected, etc., in first letter. 575/600, C. & D. London Office.

**MANUFACTURING Chemists, S.E. London,** temporarily without a Working Overseer, would consider application from experienced man able to give only a day or so weekly and capable of producing to their formulae a small range of Galenicals, Ointments and Powders. 582/839 C. & D. London Office.

**MANAGING Director** of an important Cosmetic Manufacturing Company of national repute is desirous of appointing a Chief Chemist to be responsible for the creation and manufacture of Cosmetics. The commencing salary will be not less than £1,000 per annum with every prospect of substantial increases to the right man. Applicants should be qualified, and not more than 40 years of age, and have first-class experience of this type of business. Fullest details, which will be treated in strict confidence, should be addressed to Managing Director, 582/842, C. & D. London Office.

**MANAGER** required for Warehouse of Manufacturing Chemists in West London. Responsible for receipt of all chemicals and packing supplies, issue of stores to laboratory and packing departments, and general dispatch. Write giving details of age, experience, etc. 582/844, C. & D. London Office.

**NORTH** of England firm of Manufacturing Chemists (Essential Industry) requires Chemist, Ph.C., or Pharmacy degree. Experience in general routine analysis essential. Knowledge of galenical manufacture and preparation of sterile solutions an asset. Full details on application to 581/807, C. & D. London Office.

**PROGRESSIVE Pharmaceutical manufacturers** have Vacancy for enterprising development Chemist to tackle experimental Compounding and formulations. Write, stating details of experience, salary desired, and when available, to 582/831, C. & D. London Office.

**REPRESENTATIVE,** already calling on Wholesale Chemists and Grocers, wanted to handle non-competitive line. Good commission and large turnover assured. 582/850, C. & D. London Office.

**REPRESENTATIVES** required with sound connexion amongst Chemists and Hairdressers in all areas excepting Scotland and Northern Counties, for the sale of a unique dye which is easily and quickly made into a high-grade and scarce toilet preparation. No competition. Large profits to the retailer. Good commission to the right salesman. 582/871, C. & D. London Office.

**SALESMEN** wanted for the sale of Medicated Food Products. Good connexions to Wholesale Chemist and Druggist Sundriesmen, Wholesalers and Retailers essential. Good commission. 582/859, C. & D. London Office.

**SCHEDULED Industrial Undertaking** in North London requires an Analytical Chemist, also chemical Laboratory Assistants. Write stating age, experience and salary required to Box 1120, A.K. Mfg., 212a Shaftesbury Avenue, London, W.C.2.

**TABLET Maker** required to take charge of Coating Dept. Permanent post with long-established N.W. Manufacturing Chemists. 582/847, C. & D. London Office.

**UNQUALIFIED Laboratory Assistant** with experience of procedure in analytical work required for firm manufacturing medicinal proprietaries. Age between 25 and 40, exempt from military service. Box N.748, S. H. Benson, Ltd., Kingsway, London, W.C.2.

**WAREHOUSEMAN** required by Manufacturing Chemists working under Essential Works Order, West London suburb. Write stating age, experience, etc. 582/845, C. & D. London Office.

**WELL-KNOWN Lancashire Manufacturing Chemists** require the services of a Chemist who has specialised on Insecticides. Must have good qualifications. Permanent progressive post. 582/846, C. & D. London Office.

**WHOLE-TIME Traveller** required for North and East Riding Yorkshire, must possess sound chemist connexion to represent nationally-advertised "C.F." products. Stage age, whether exempt, salary required and fullest details in first instance to 582/834, C. & D. London Office.

## PARTNERSHIPS

**BUSY Proprietors Please Read.** Advertiser, well known in trade, twenty years own drug store, E. London, wishes meet qualified with existing business, Surrey or other pleasant area, with view partnership or trial working arrangement of some kind. Can offer 40 hours weekly at present and useful knowledge of many branches of trade. With consideration by proprietor finding staff problems make conditions arduous. Tentative discussion in confidence without obligation. Large, 401 New Cross Road, London, S.E.14. Tideway 1903.

## SITUATIONS WANTED

2/6 for 18 words or less, 1d. for every additional word.

### RETAIL (HOME)

**EVENING** Week-end Employment desired in Surgical Stores. London Area. 582/873, C. & D. London Office.

**UNQUALIFIED** (awaiting Final Examination) desires locum work, Liverpool or Manchester areas. 582/875, C. & D. London Office.

### WHOLESALE

**FIRST-CLASS** opportunity for reputable pharmaceutical and/or Toilet House wishing to engage well-educated young executive as Sales Leader to develop post-war business. Fifteen years' invaluable Representative experience amongst Chemists and allied trades. 579/750, C. & D. London Office.

**COSMETIC Chemist** manufacturing first-class preparation, also household articles as shoe creams, disinfectants, etc., own formulas if desired, wants position in London or country. 582/870, C. & D. London Office.

**FACTORY Manager.** Advertiser, ineligible, seeks position. Experienced in the manufacture of proprietaries, including compressed tablets, toilets, perfumes, etc. Accustomed to the control of labour and staff training. 581/830, C. & D. London Office.

**SECRETARY/SHORTHAND Typist**, 10 years' experience manufacturing chemists. Efficient, conscientious, exempt National Service. Seeks position with London firm. 582/849, C. & D. London Office.

**MANUFACTURING Chemist**, 30, A.R.I.C. Considerable experience large-scale pharmaceutical and chemical production, modern methods, plant design and staff control. Desires position of responsibility where initiative and ability are encouraged. 582/836, C. & D. London Office.

## APPOINTMENTS

### ESSEX COUNTY COUNCIL

#### APPOINTMENT OF DISPENSER

Applications are invited for the appointment of Assistant Dispenser (Non-resident) at the Essex County Council Hospital, Black Notley, near Braintree. Women applicants must be over 41 years of age.

Salary £175 per annum plus war bonus (at present, men 19s. per week, and women 15s. 6d. per week). The appointment will be subject to the Council's Sick Pay Rules and Regulations (a copy of which will be forwarded on application) and the Standing Orders of the Council. Local Government Superannuation Act, 1937, may apply. Successful applicant will be required to pass a medical examination.

Applications, stating age, qualifications and experience, accompanied by copies of not more than three recent testimonials and marked "Appointment of Dispenser," should be addressed to me and delivered at the County Hall, Chelmsford, not later than October 23, 1944.

JOHN E. LIGHTBURN,  
Clerk of the County Council.

County Hall, Chelmsford.

October 4, 1944.

### SURREY COUNTY COUNCIL

#### PUBLIC HEALTH DEPARTMENT

REDHILL COUNTY HOSPITAL, EARLSWOOD COMMON, REDHILL

**ASSISTANT PHARMACIST.** Candidates must be M.P.S. or Ph.C. Commencing salary according to experience on grade £250 × £10—£300 p.a. plus war bonus 19s. p.w. male; 15s. 6d. p.w. female. Temp. for duration of war. Apply Medical Superintendent.

**WARREN ROAD HOSPITAL, GUILDFORD**

**ASSISTANT PHARMACIST.** Temp. for further duration of war. Salary grade for applicants holding M.P.S. or Ph.C. qual. £250 × £10—£300 p.a. plus war bonus 19s. male; 15s. 6d. female. Salary grade for unregistered dispenser £175 × £10—£225 plus war bonus. Apply to Medical Superintendent.

KINGSTON COUNTY HOSPITAL,  
WOLVERTON AVENUE,  
KINGSTON-ON-THAMES

**ASSISTANT PHARMACIST.** Must be M.P.S. or Ph.C. Salary grade £250 × £10—£300 p.a. plus war bonus 19s. male, 15s. 6d. female. On Council's permanent staff. Apply to Medical Superintendent.

## BUSINESS OPPORTUNITIES

7/6 for 40 words or less, 2d. every additional word.

**AN** old-established Firm of Tablet-makers and Manufacturing Chemists, in sound financial position, would consider an amalgamation with a Firm of equal standing for the purpose of expansion of business. Apply in first instance to: Box 252, A. S. Dixon, Ltd., 229 High Holborn, W.C.1.

**ENTERPRISING** firm of Paper Converters with complete knowledge of paper and allied trades, desiring to expand and willing to do pioneering work, will welcome now any ideas for post-war. Suggestions will be carefully considered and treated confidentially. 582/874, C. & D. London Office.



**FINANCIAL** Interest desired in a Manufacturing Concern by Agent who can influence considerable amount of business, dealing solely with Co-operative Societies in Lancs, Yorks, Derbyshire and Cheshire (over 350 accounts). 582/837, C. & D. London Office.

**MANUFACTURERS** are in position to undertake contract work filling creams, ointments and liquids. Could manufacture if required and help in obtaining raw materials, jars and bottles. All inquiries treated in strict confidence. Box No. 738, Dorland Advertising, Ltd., 18-20 Regent Street, London, S.W.1.

## BUSINESSES WANTED

*7/6 for 40 words or less, 2d. for every additional word.*

**HILLIER, PARKER, MAY & ROWDEN**, Surveyors and Valuers, 77 Grosvenor Street, W.1, have applications for several sound and progressive single-shop Businesses occupying premier trading positions in London and Provinces, or a Group Concern would be seriously considered. Owners contemplating sale or their solicitors are invited to write for further information to Hillier, Parker, May & Rowden, 77 Grosvenor Street, W.1.

**WANTED** in Southern Counties, several good-class Chemists' businesses—any size. Particulars in confidence to Raymond Beaumont, 35 East Street, Brighton.

**WEST RIDING OF YORKSHIRE.** Wanted to purchase immediately or in the near future Wholesale or Manufacturing Pharmaceutical or Associated Business. One with reasonable pre-war profits or would consider small business where capital and energy would improve. References available. 582/848, C. & D. London Office.

## BUSINESSES FOR DISPOSAL

*7/6 for 40 words or less, 2d. for every additional word.*

**E.C.1.** Genuine Business for disposal, lock-up shop. Rent £56 per ann. Substantial N.H.I. dispensing (average £90 per month). Returns over £4,000. Man and wife could save £300 a year wages. £2,500. William, 5 Houndsden Road, Winchmore Hill, N21.

**SMALL** Shop and Living Quarters at South Kensington occupied as Chemists for some years. Mahogany fixtures and fittings. Lease 4½ years at £90. Price £300. Write 582/872, C. & D. London Office.

## MISCELLANEOUS SALES

*12/6 for 60 words or less, 1/- each additional 10 words or less*

**ESSENTIAL** Oil of Camphor, 33½ lb. Oil of Lemongrass, 47 lb. Orange Flower Water, triple, B.P.C., 40 lb. Approx. 1 lb. each: Vanillin (Bush), Anethol (Bush), Oils of Bergamot, Rosewood, Ambrianne, Citronella (Java), Sandalwood, Patchouli (Seychelles), Thyme (Alb) and Ylang Ylang. Also 1 lb. each of: Benzaldehyde and Isobutylphenylacetate. Offers for whole or part invited. Rushworth, Chemist, Droylsden, Lancs. Phone: Dro. 1829.

**FOR** Sale. Single Punch Tableting Machine suitable for hand or power. Write 582/840, C. & D. London Office.

**NAME** plates for Chemists. Neatly engraved. Send wording for full-size sketch and list (enclose 3d. stamps). G. Maile & Son, Ltd., Engravers, 367 Euston Road, London, N.W.1.

**SURPLUS** stock. Approximately 1,000 20-oz., 750 40-oz., 380 80-oz., winchester bottles. What offers? 582/853, C. & D. London Office.

## WANTED

*7/6 for 36 words or less, 2d. for every additional word.*

**A** SPIRIN Powder, Crystals, Tablets wanted by actual user. Highest market prices paid. 578/714, C. & D. London Office.

**A** SPIRIN Powder, Crystals, Grans., and 5-grain tablets, required in large or small quantities. Highest market prices paid. 442/304, C. & D. London Office.

**A** UTOMATIC Cream Filler wanted at once; big price paid. Shavex Co., 40 Bavaria Road, Holloway, N.19.

**B** OTTLES wanted urgently; sizes, 1-oz. and 3-oz. Medical Flats. Also 1½-oz. Glass Jars. Bell & Sons, Ltd., Silverdale Works, Liverpool, 13.

**C** HEMICAL Manufacturers require regular supplies of 4-oz. and 8-oz. flat Medical Bottles. Cash terms. Write giving quotation and deliveries. Box ZQ 762, Deacons, 5 St. Mary Axe, E.C.3.

**C** IMICIFUGA or CIMICIFUGIN. Wanted urgently large or small quantities for proprietary medicine. Offers to 582/858, C. & D. London Office.

**L** ATEX Goods required in large or small quantities for cash. Offers by letter in first instance to 581/816, C. & D. London Office.

**W** ANTED for Spot Cash. National Remington, and Gledhill Cash Registers, all sizes, age immaterial: any quantity entertained. Amalgamated Business Machines, Ltd., 64 Mortimer Street, W.1. Phone: Museum 0941. Repairs, Sales, Exchanges.

**W** ANTED to purchase, Cameras, Enlargers, and all Photographic Apparatus, Exposure Meters, Tripods, etc., Microscopes, Binoculars, Cine Cameras, and Projectors. Prompt cash and high prices offered. Wallace Heaton, Ltd., 127 New Bond Street, London, W.1.

## AGENCIES

*7/6 for 36 words or less, 2d. for every additional word.*

**C** HEMISTS and Hairdressers' Sundriesman requires additional lines. Full particulars. 582/852 C. & D. London Office.

**G** OOD additional line required by energetic, well-connected Agent calling chemists and stores, London and Southern Counties. Full coverage and excellent results assured. 582/857, C. & D. London Office.

**M** ANUFACTURERS and Distributors wanted for new Denture Cleaner for sale through Wholesale and Retail Chemists. Necessary raw materials which are not subject to control can be obtained without limitation. Product has been developed to final stage and covered by patents. It has been well tested by the public over the past four years proving all claims to clean dentures and keep them clean and definitely removes all tartar. Harmless to dentures of all types and materials. Write in first instance to 582/833, C. & D. London Office.

**W** ELL-ESTABLISHED Representative with sound valuable connexion amongst chemists, co-operative societies, departmental stores and employing three full-time travellers covering Yorkshire, Co. Durham, Northumberland, Cumberland, Westmorland, already representing two reputable "C.F." houses, desires contact good-class firm for immediate and post-war representations—pharmaceuticals, toilets, dressings or sundries. Must be quality products. Apply 582/835, C. & D. London Office.

**W** ELL-KNOWN Representative, 44, with excellent connexion leading chemists, South-west England and South Wales, requires additional Agency. Apply C.D.B./332, C. & D. London Office.

# Which Parmint do the Public prefer?

Some people prefer the Syrup; others the Essences. Both the Parmint Syrup and the Parmint Concentrated Essences will quickly kill a cough or cold or an attack of influenza.

We know that each in its way is as good as we can make it and that there is a big and ever-growing demand for both.

Please try to keep them both in stock.

All our Press advertisements now mention the retail price of both the ready-mixed Parmint Syrup (1/5) and the good old Parmint Concentrated Essences (3/1½).

Both are both

**PATA.**

and



Make sure you have a stock of both

## PARMINT

*Concentrated Essences*

and

## PARMINT SYRUP

INTERNATIONAL LABORATORIES  
LIMITED

CHARLBURY

OXFORD





THE  
CHOICE  
OF  
EXPERTS



G.H.ZEAL LTD. LOMBARD R'D, MORDEN R'D, LONDON, S.W.19

No higher In  
price than  
nondescript  
makes...  
Also—Household,  
Bath and Works  
Thermometers,  
the best of  
their kind.

Phone: LIBERTY 2283-4-5

SALES THROUGH CHEMISTS ONLY



SAFETY AND IMMEDIACY OF RE-  
LIEF IN ASTHMA ARE ENSURED  
BY  
**FELSOL POWDERS**

**STANDARD SIZE**  
Retail 2/10 (Inc. Tax)

**LARGE SIZE**  
Retail 11/3 (Inc. Tax)

**P.A.T.A.**

### BONUS TERMS

One box on each dozen small boxes, or assorted  
sizes equivalent to retail value of one dozen small.

*These terms are not applicable in Eire*

### ALL WHOLESALEERS CAN SUPPLY

*If you have difficulty in obtaining supplies get into direct contact with*

**BRITISH FELSOL COMPANY LTD**

WIGTON HOUSE, 206-212 ST JOHN STREET, CLERKENWELL, LONDON, E.C.1.  
Telephone. CLERkenwell. 5862 Cables. 'Felsol' Smith. London.